

INVENTOR(s): Toshio Yamamoto, et al.;

TITLE: "Cornerplate-less Duct, Method of Manufacturing the Duct, and Apparatus for Manufacturing Duct"

TTU. DOCKET NO. 19036/40258/US; Page 1 of 59
Marshall, Gerstein & Borun 312-474-6300 - Richard H. Anderson

CT/PTO 22 APR 2005

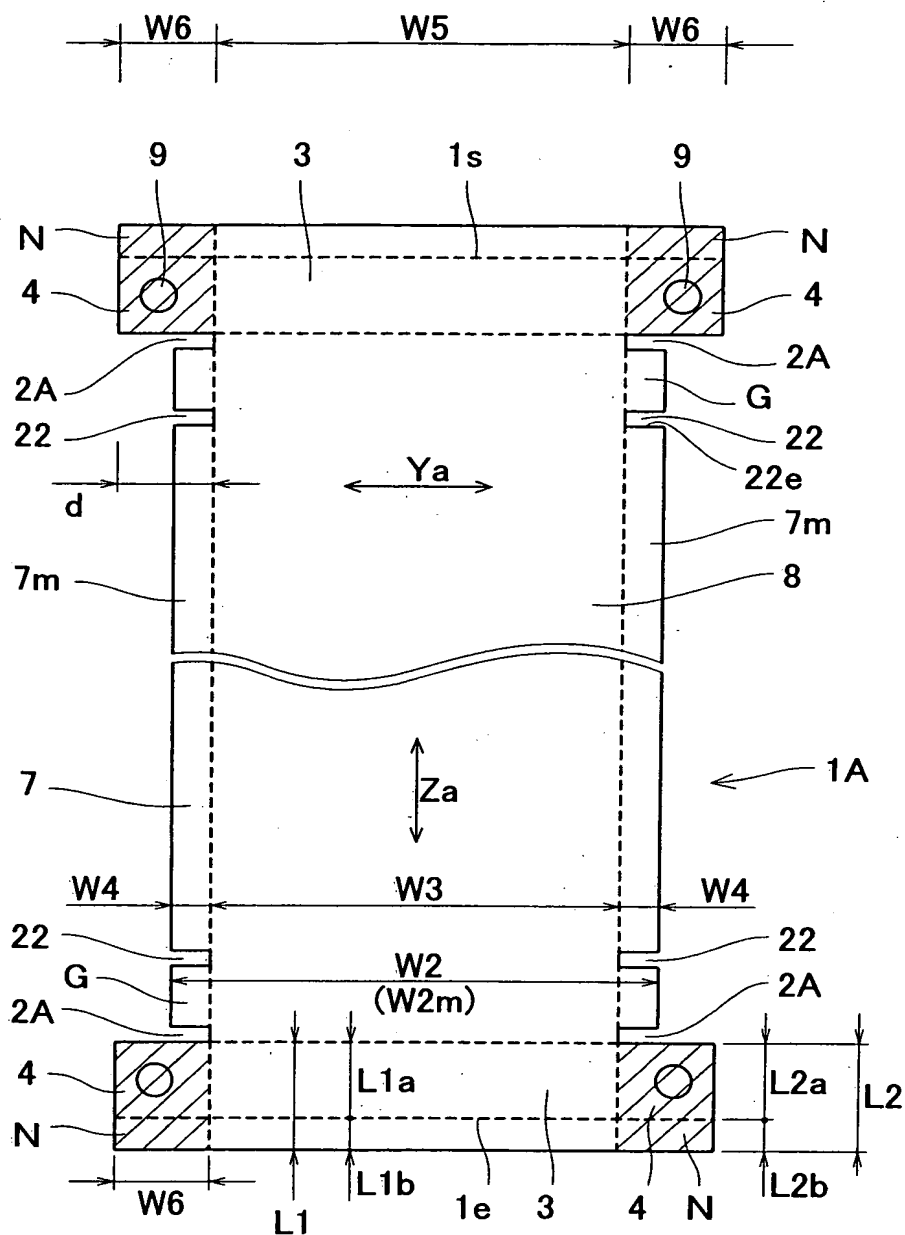


Fig. 1

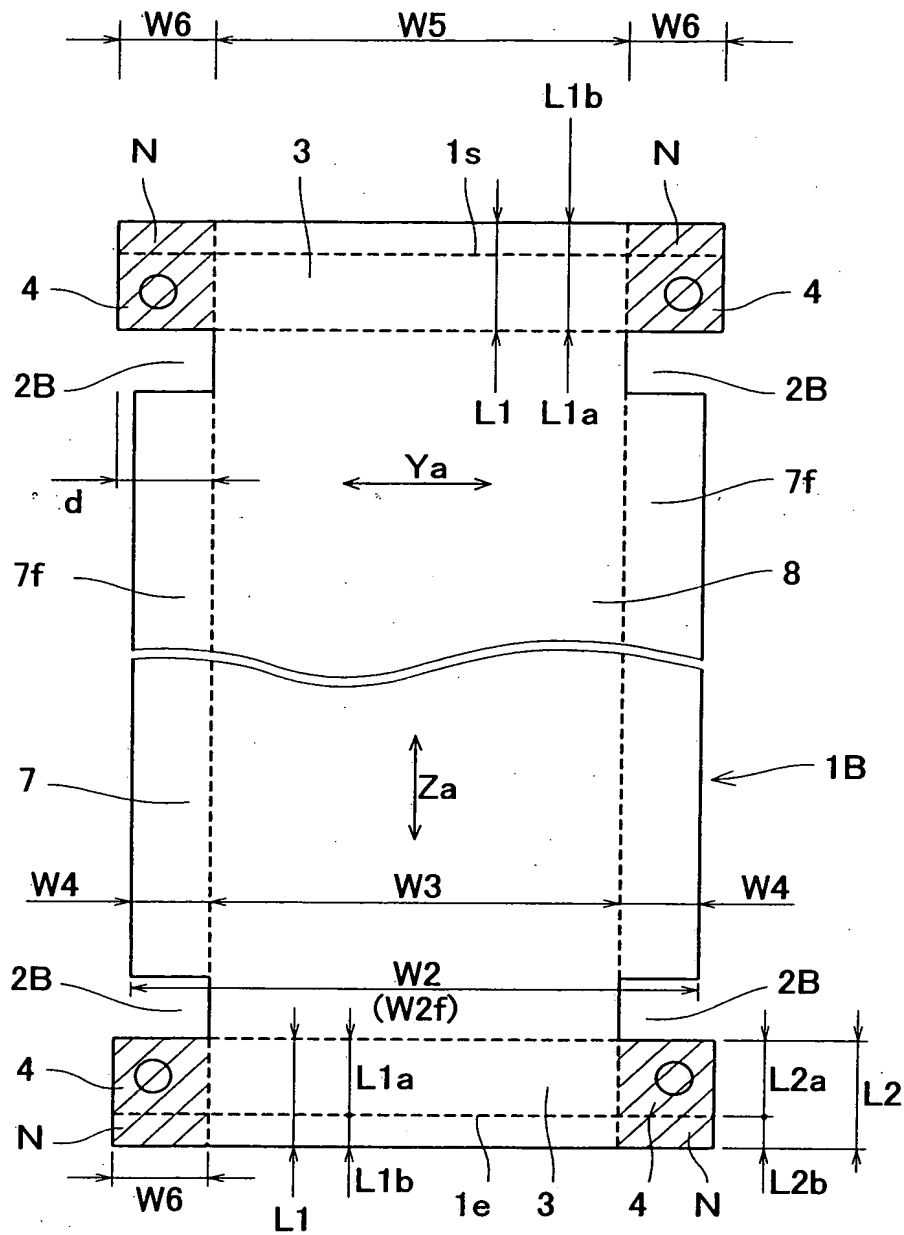


Fig. 2

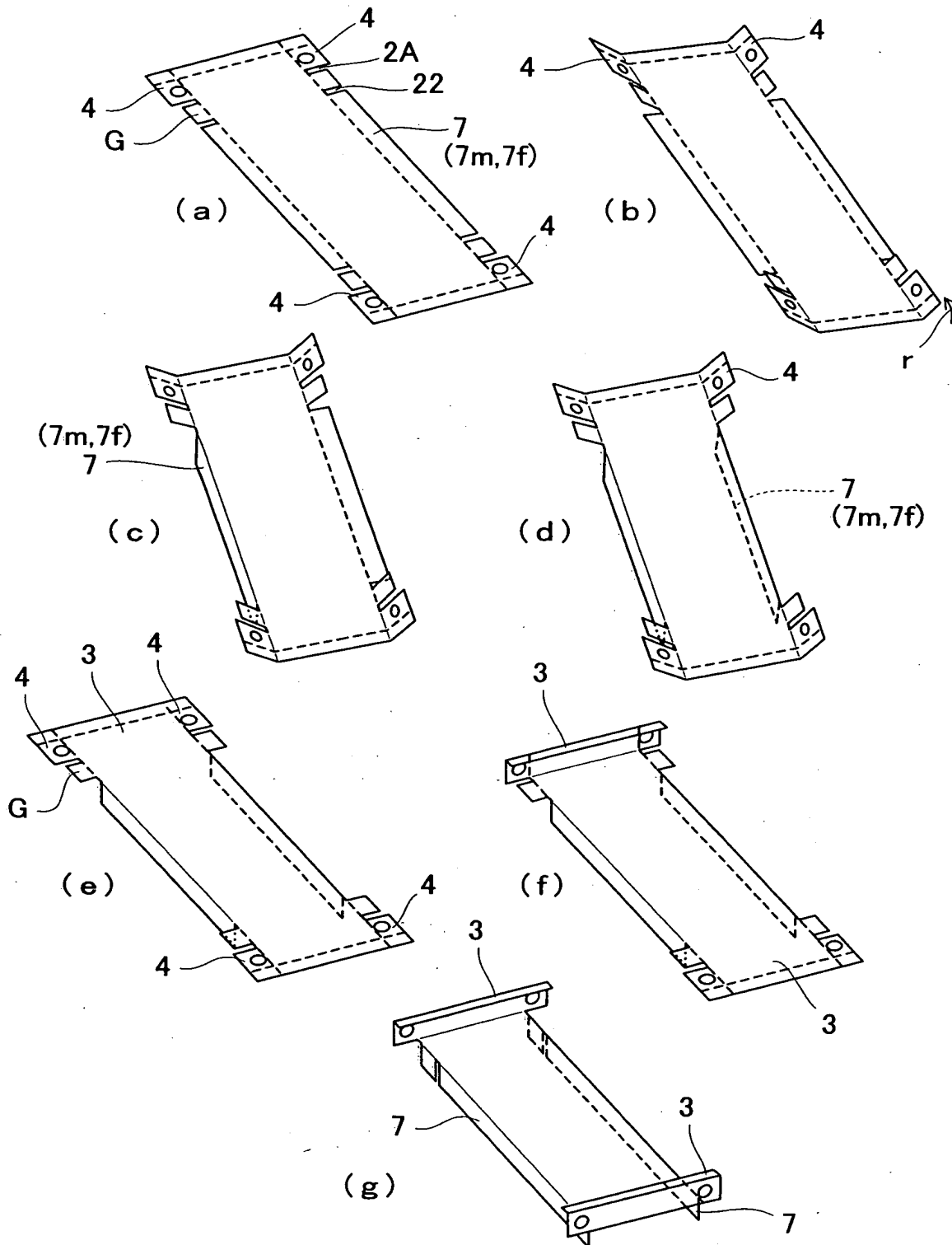


Fig. 3

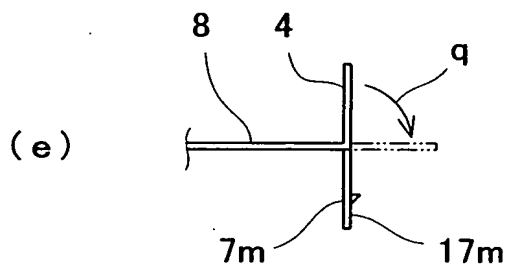
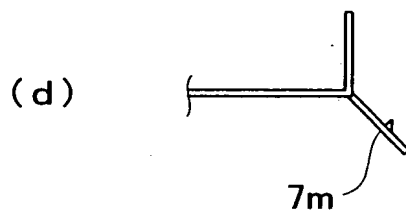
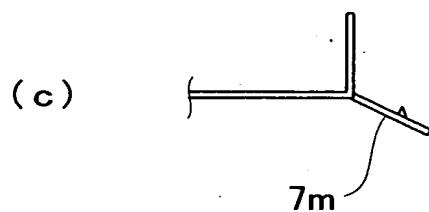
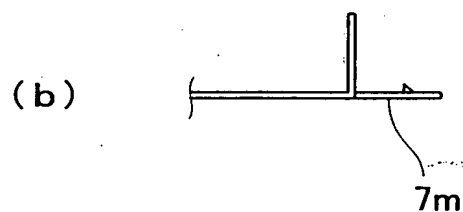
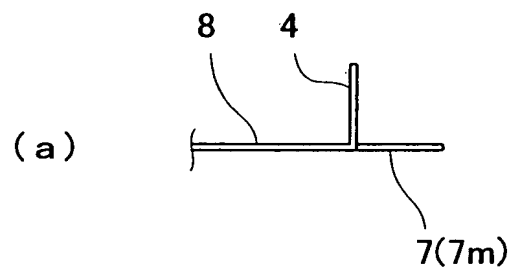


Fig. 4

INVENTOR(s): Toshio Yamamoto, et al.;

TITLE: "Cornerplate-less Duct, Method of Manufacturing the Duct, and Apparatus for Manufacturing Duct"

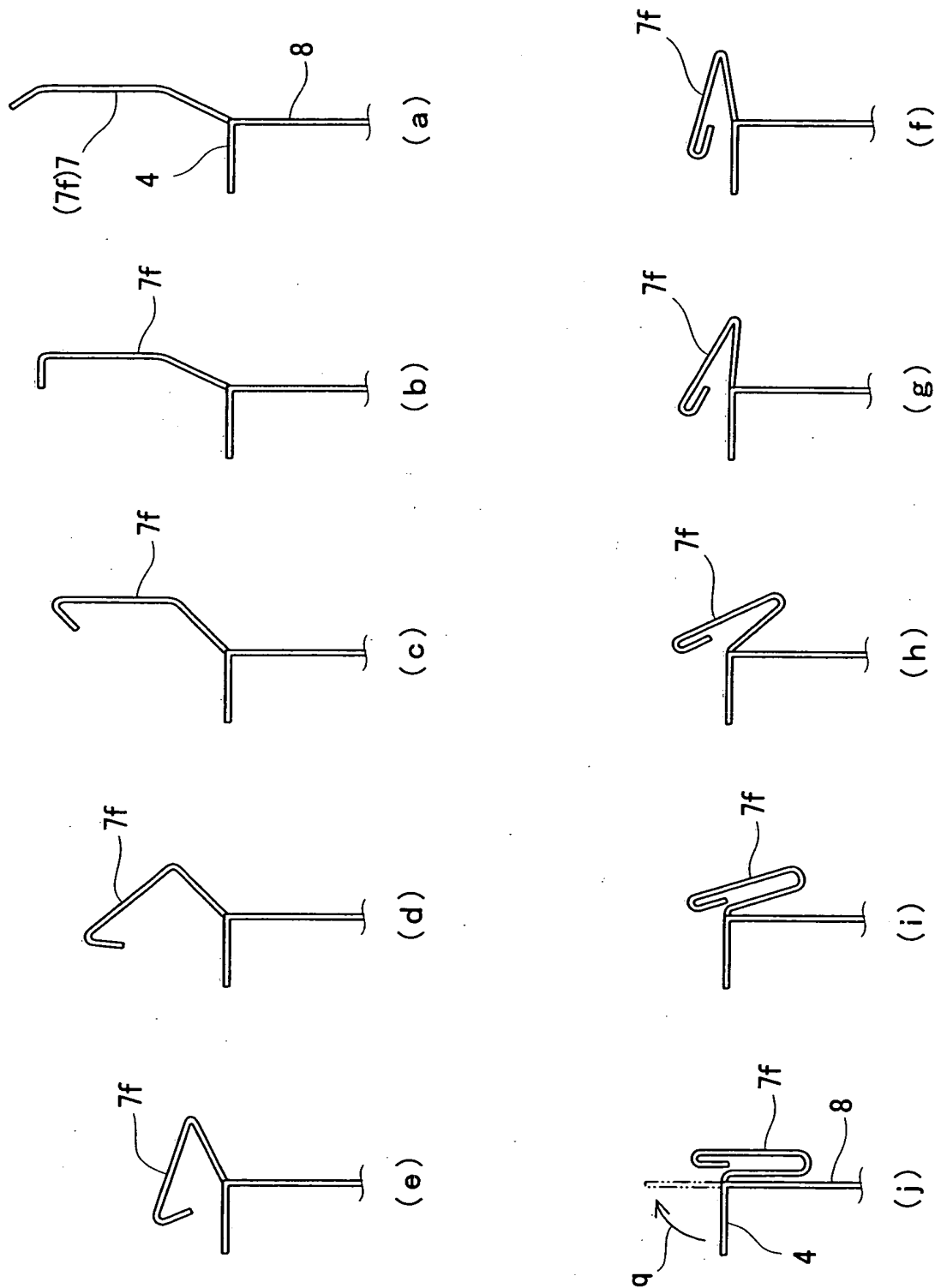
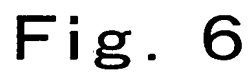
ATTY. DOCKET NO. 19036/40258/US; Page 5 of 59
Mason, Gerstein & Borun 312-474-6300 - Richard H. Anderson

Fig. 5



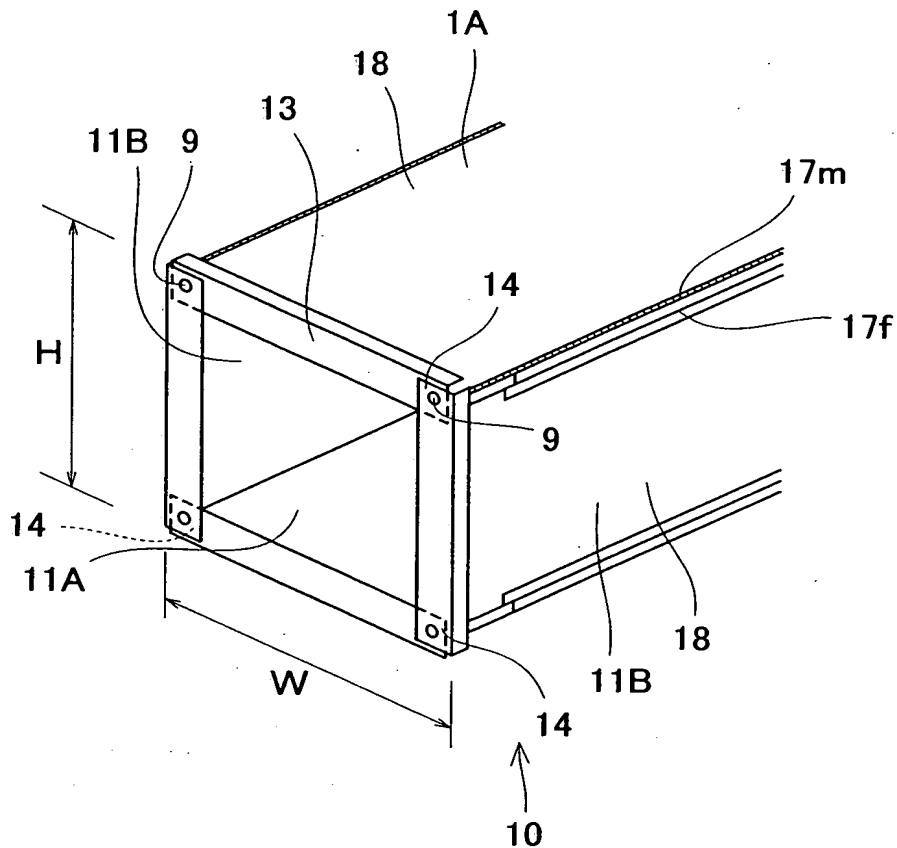


Fig. 10

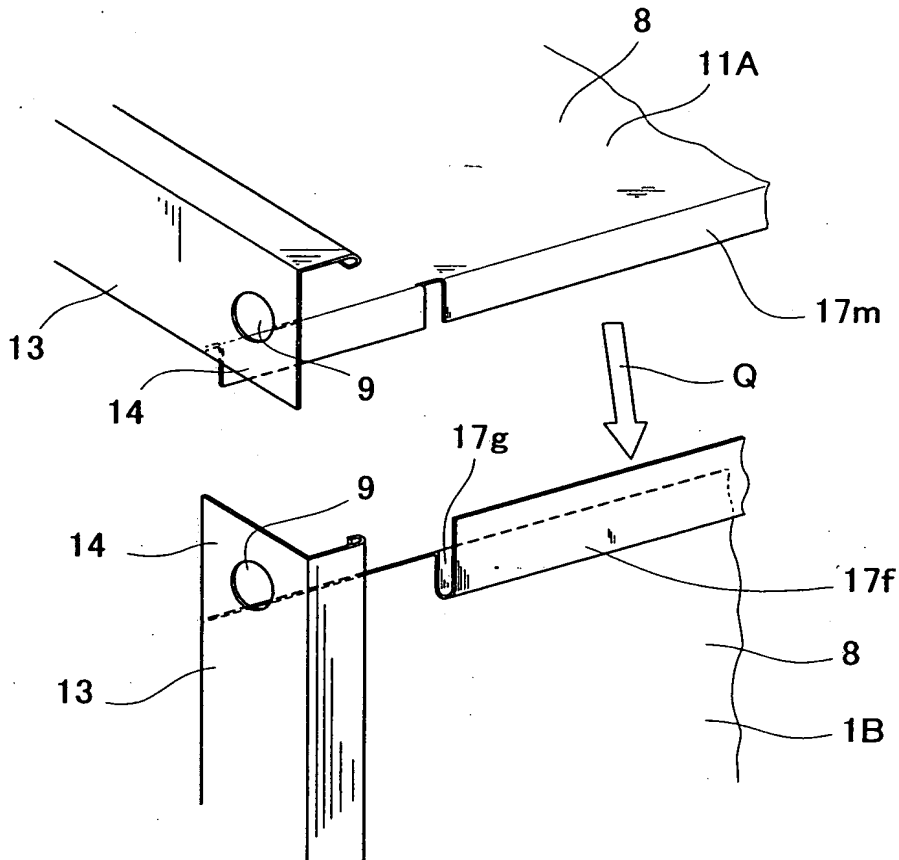


Fig. 11

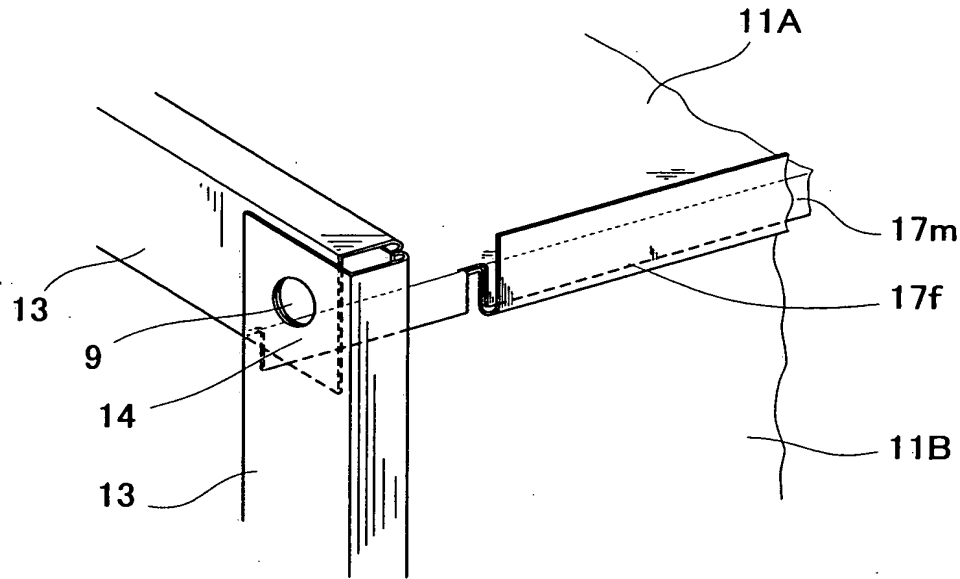


Fig. 12

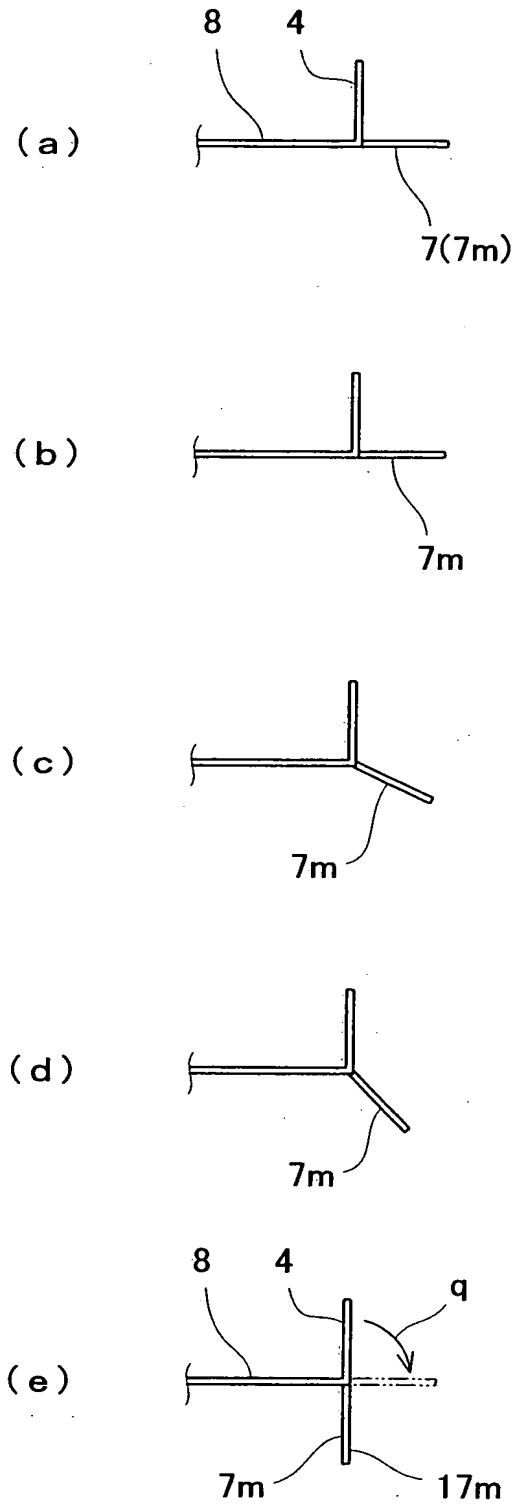
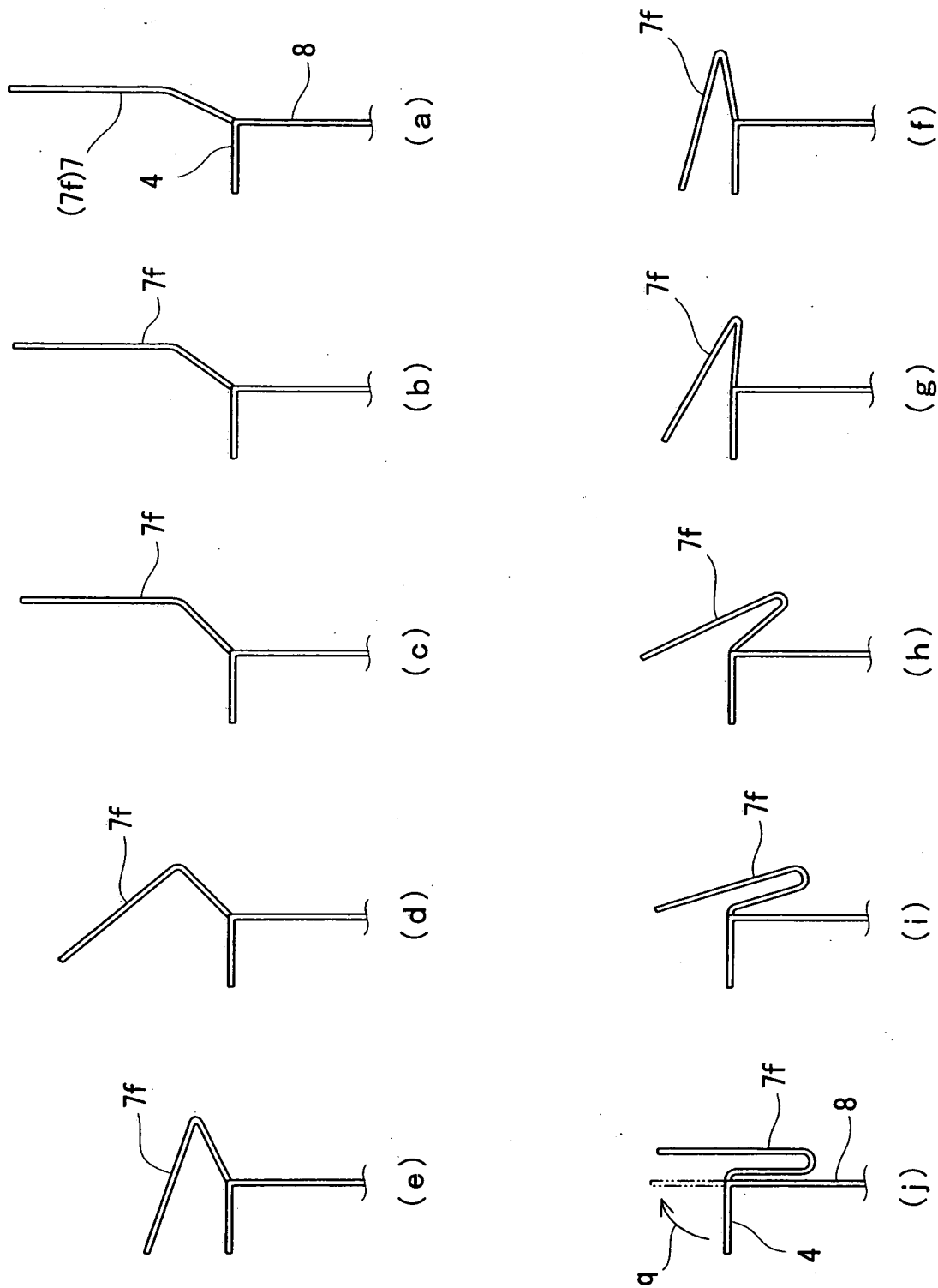


Fig. 13



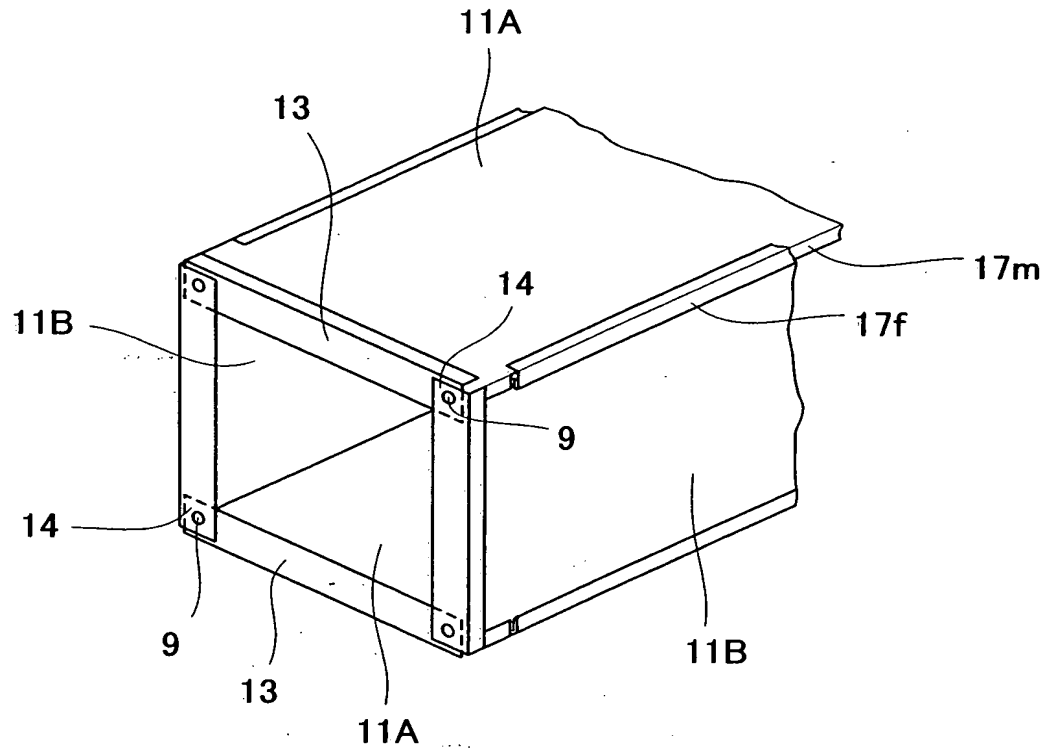


Fig. 15

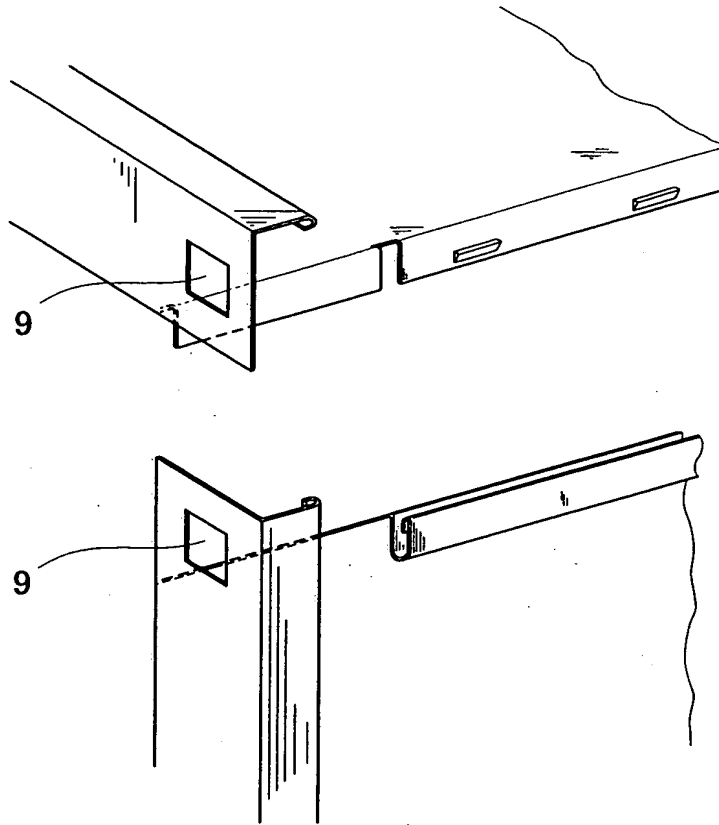


Fig. 16

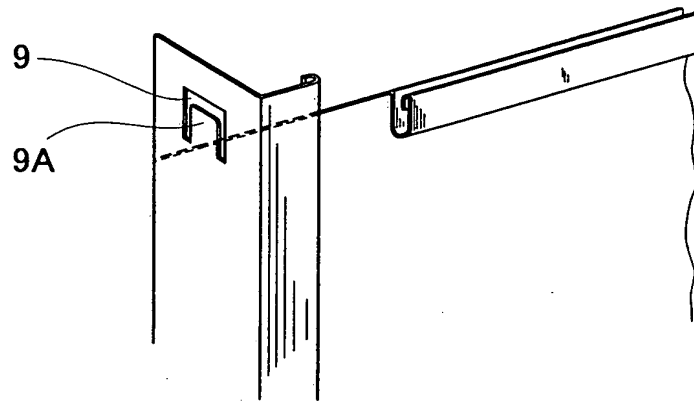


Fig. 17

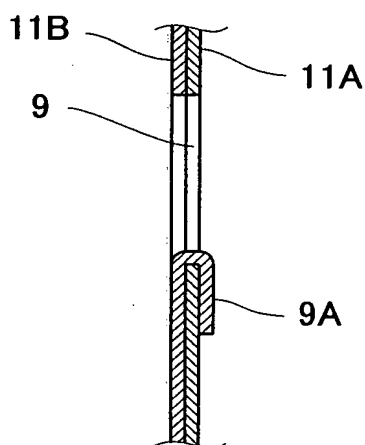
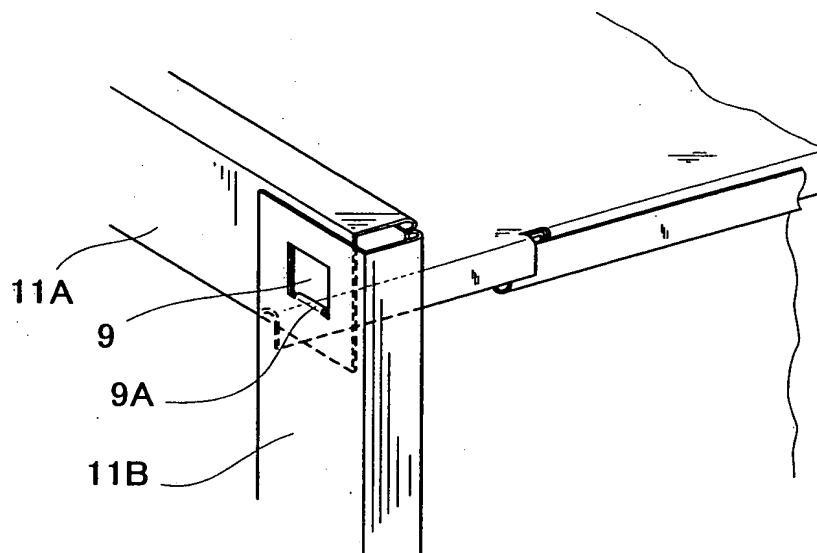


Fig. 18

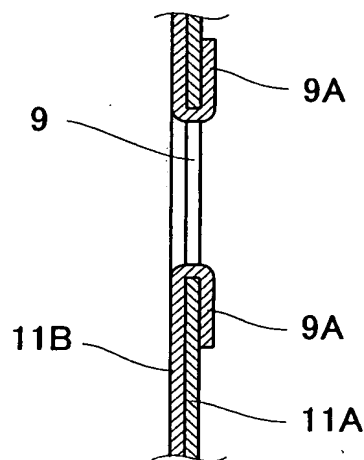
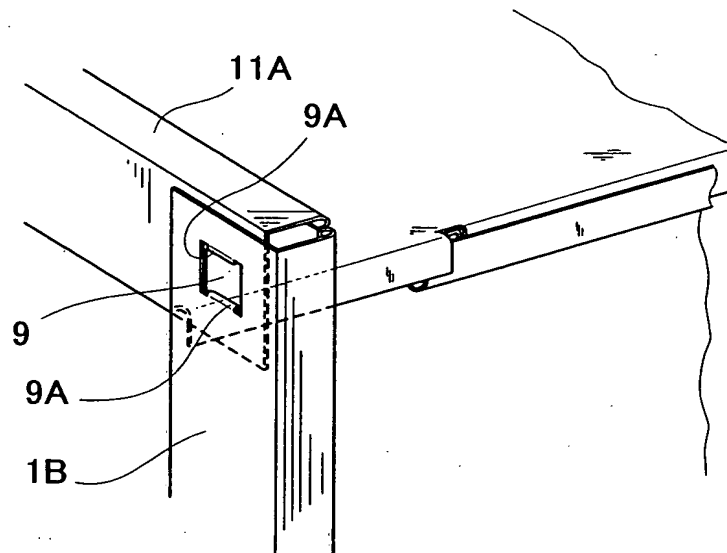


Fig. 19

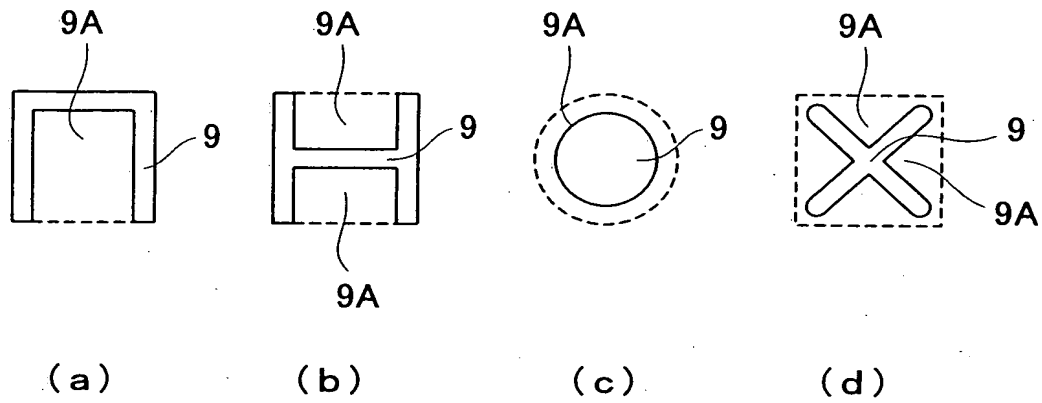


Fig. 20

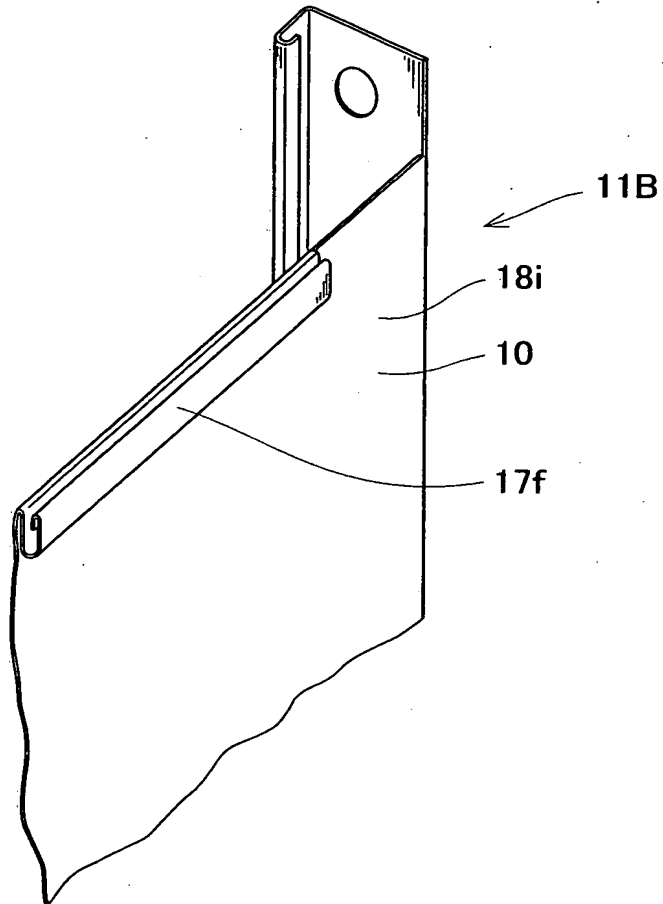


Fig. 21

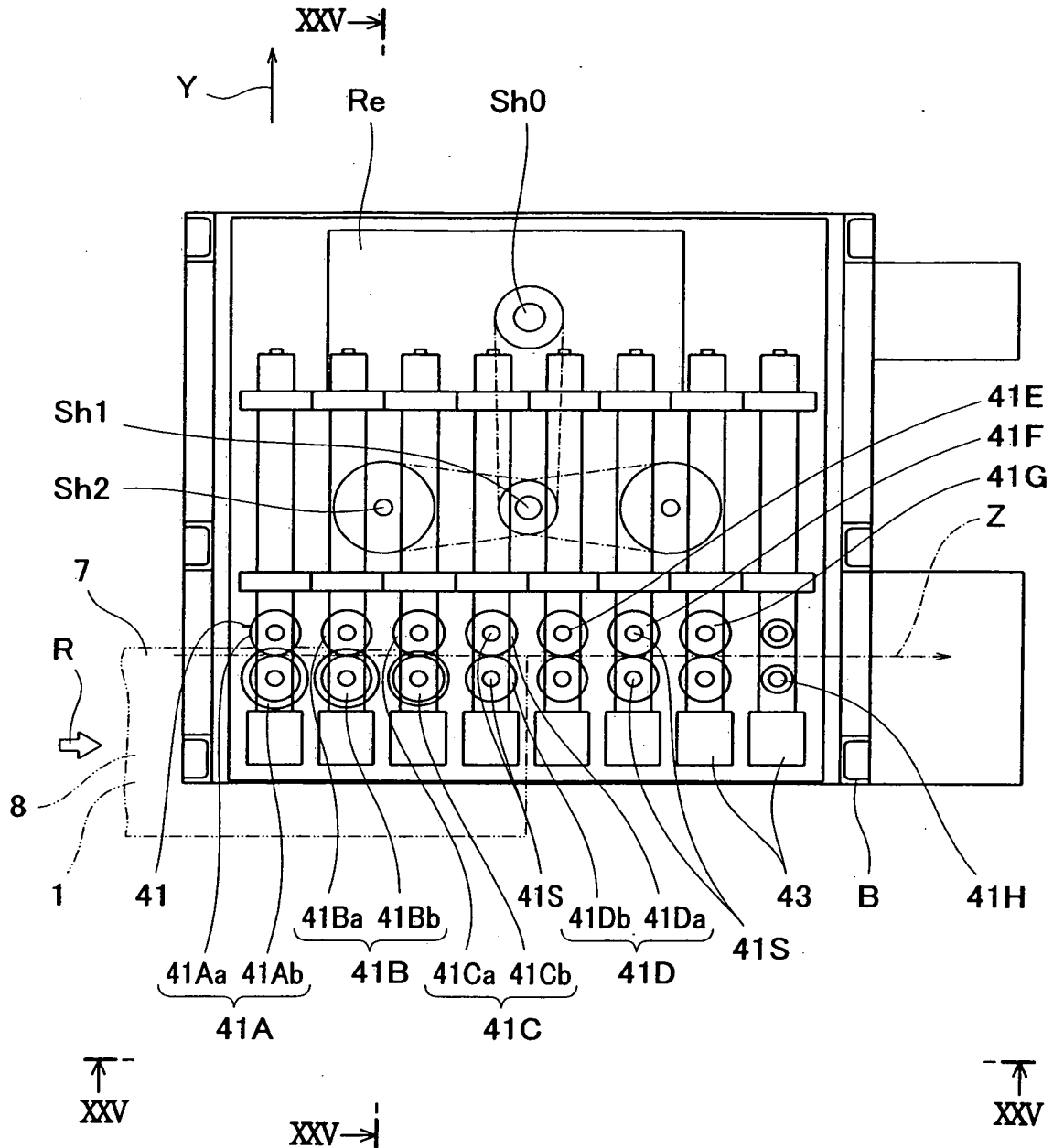


Fig. 22

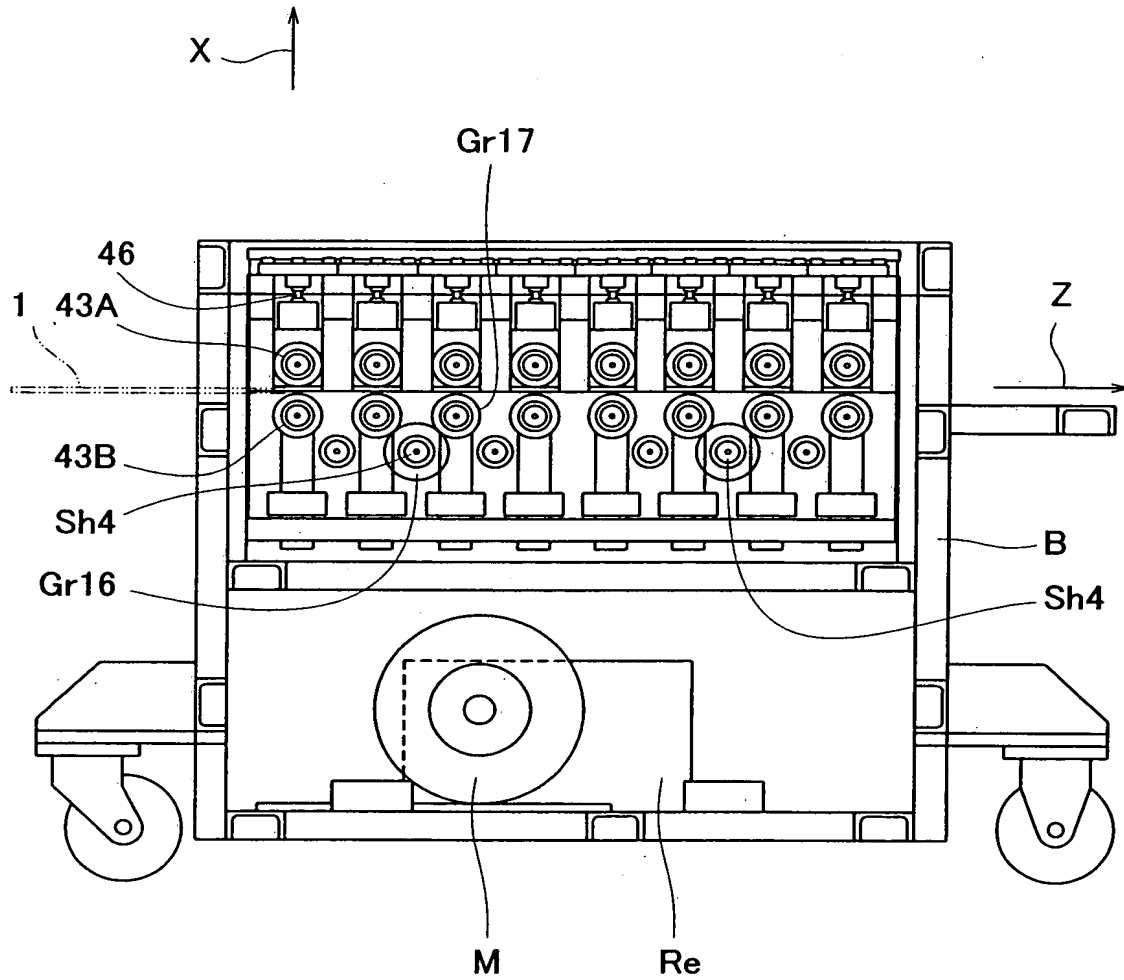


Fig. 23

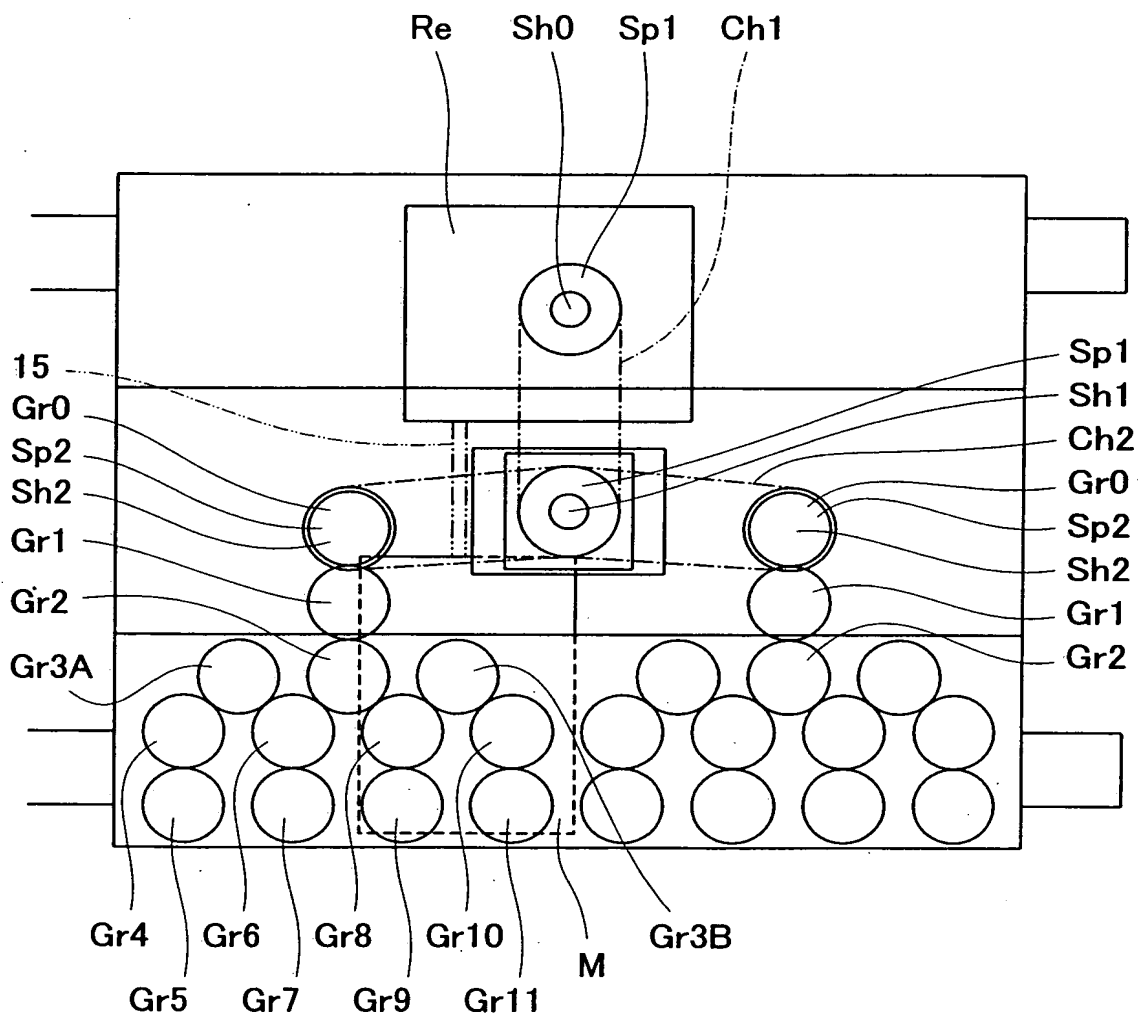


Fig. 24

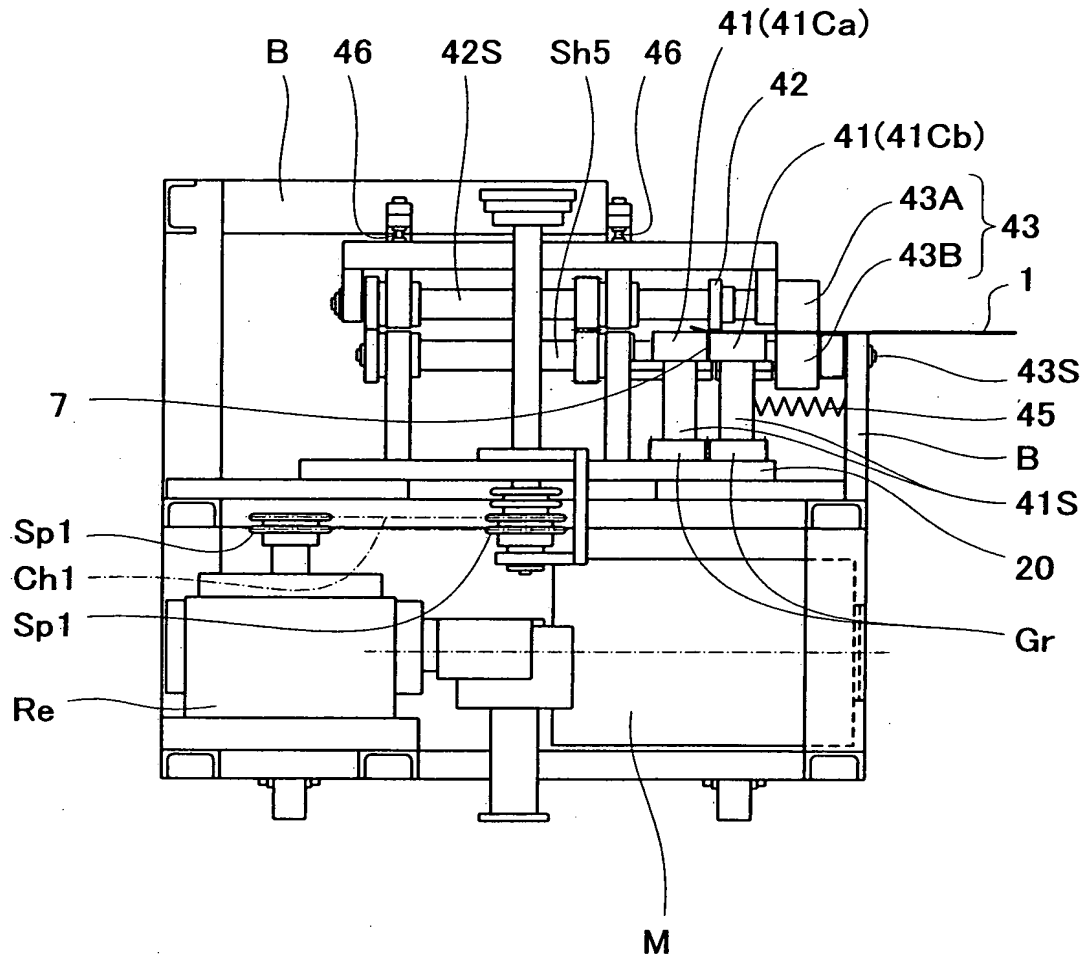


Fig. 25

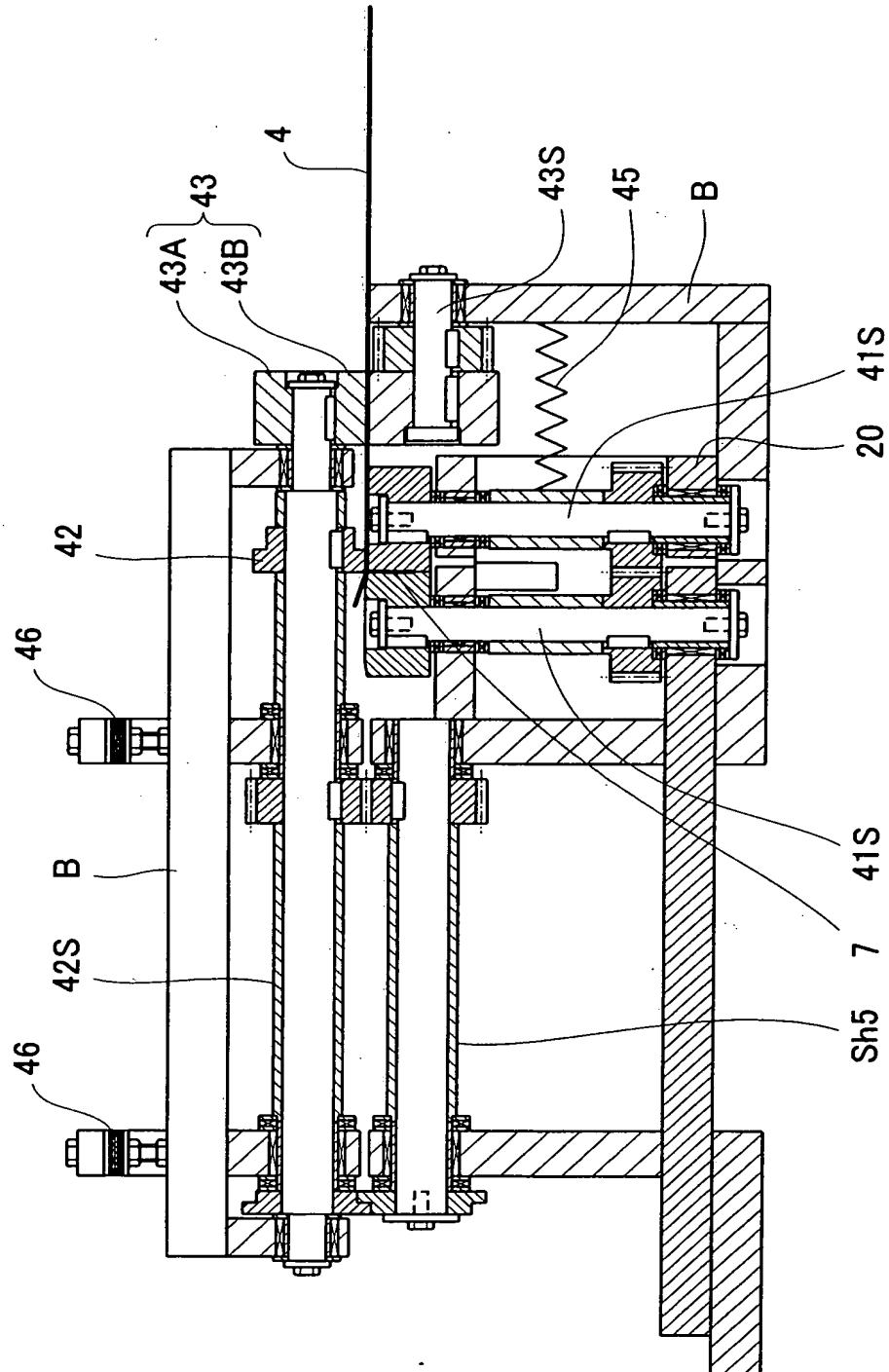
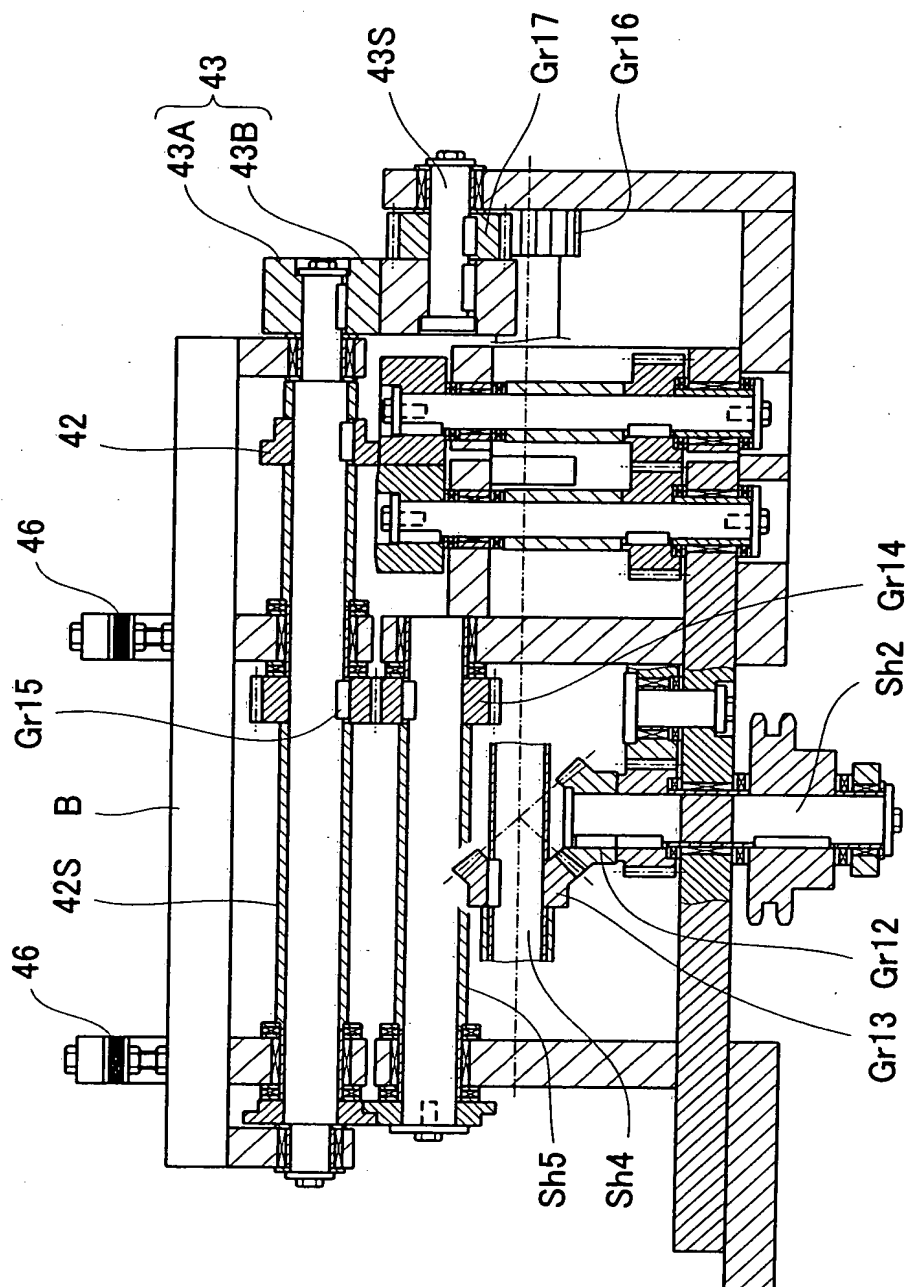


Fig. 26



Fi. 27

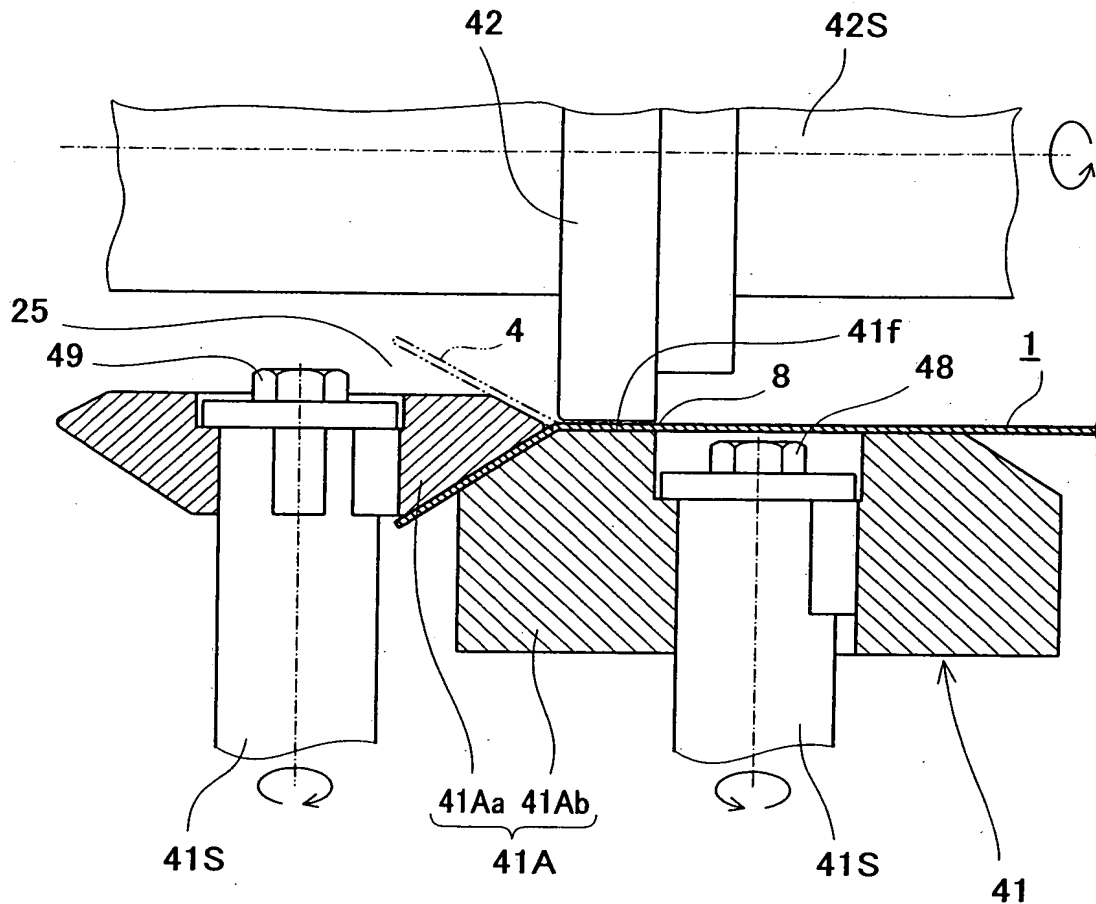


Fig. 28

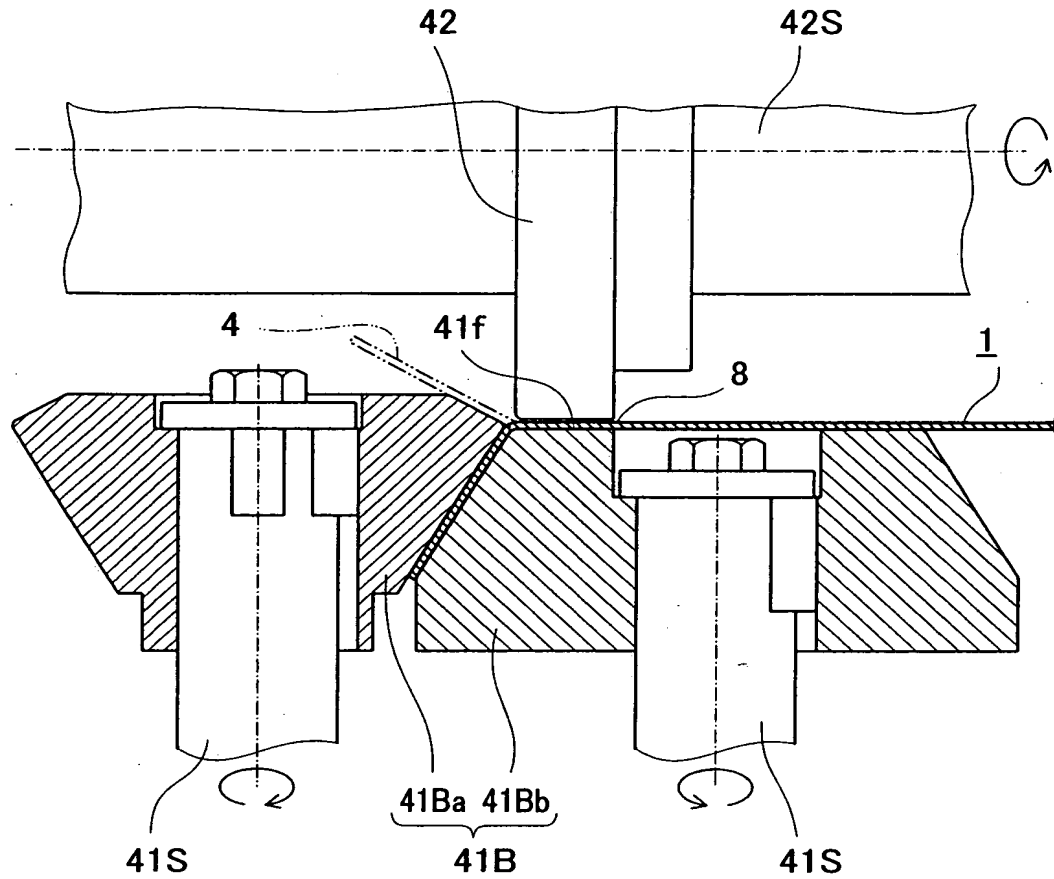


Fig. 29

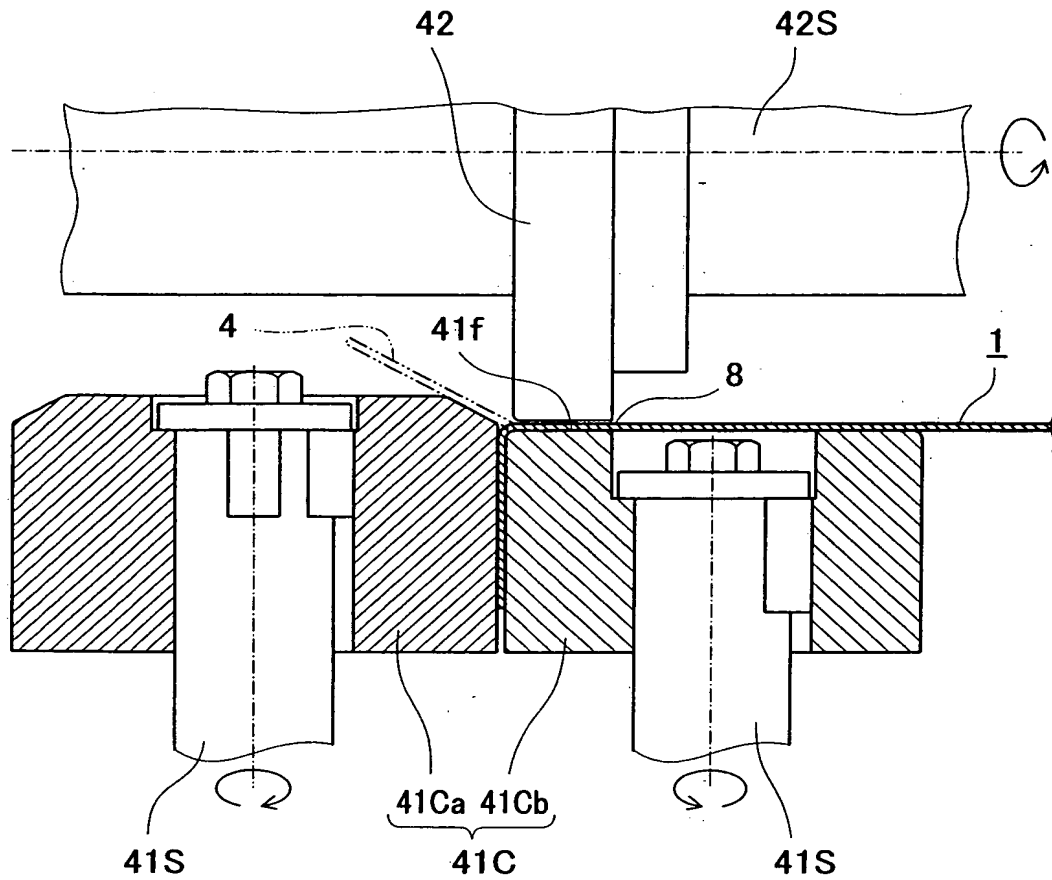


Fig. 30

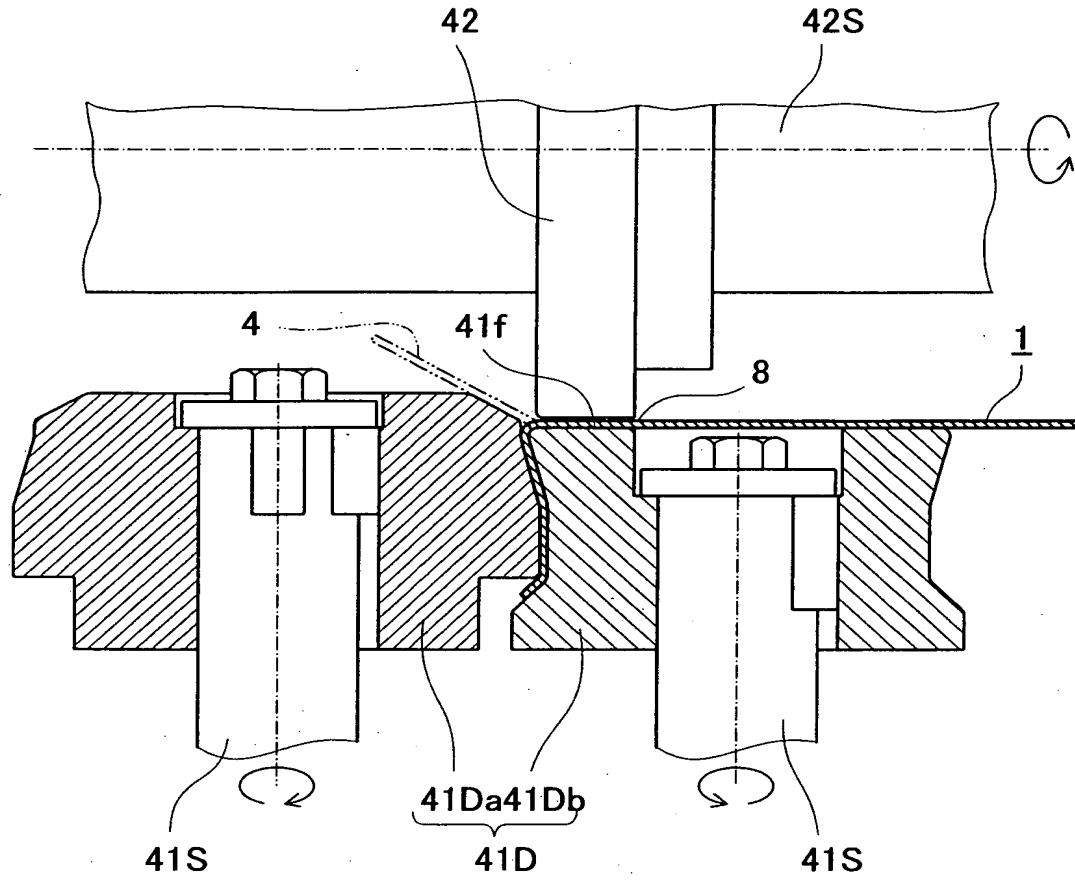


Fig. 31

INVENTOR(s): Toshio Yamamoto, et al.;

TITLE: "Cornerplate-less Duct, Method of Manufacturing the Duct, and Apparatus for Manufacturing Duct"

CITY. DOCKET NO. 19036/40258/US; Page 33 of 59
Martinez, Gerstein & Borun 312-474-6300 - Richard H. Anderson

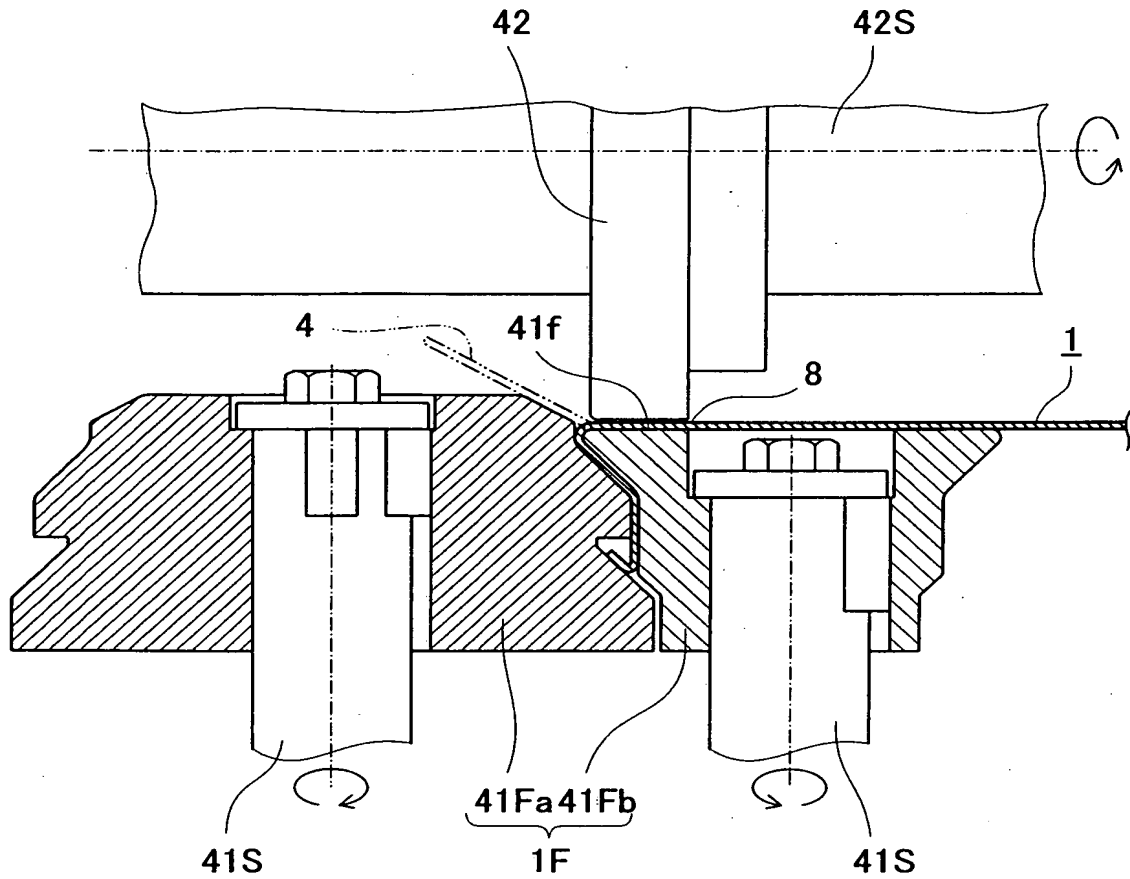


Fig. 33

INVENTOR(s): Toshio Yamamoto, et al.;
 TITLE: "Cornerplate-less Duct, Method of Manufacturing the Duct, and Apparatus for Manufacturing Duct"
 ATTORNEY: M. J. DOCKET NO. 19036/40258/US; Page 34 of 59
 MAILING ADDRESS: Marshall, Gerstein & Borun 312-474-6300 - Richard H. Anderson

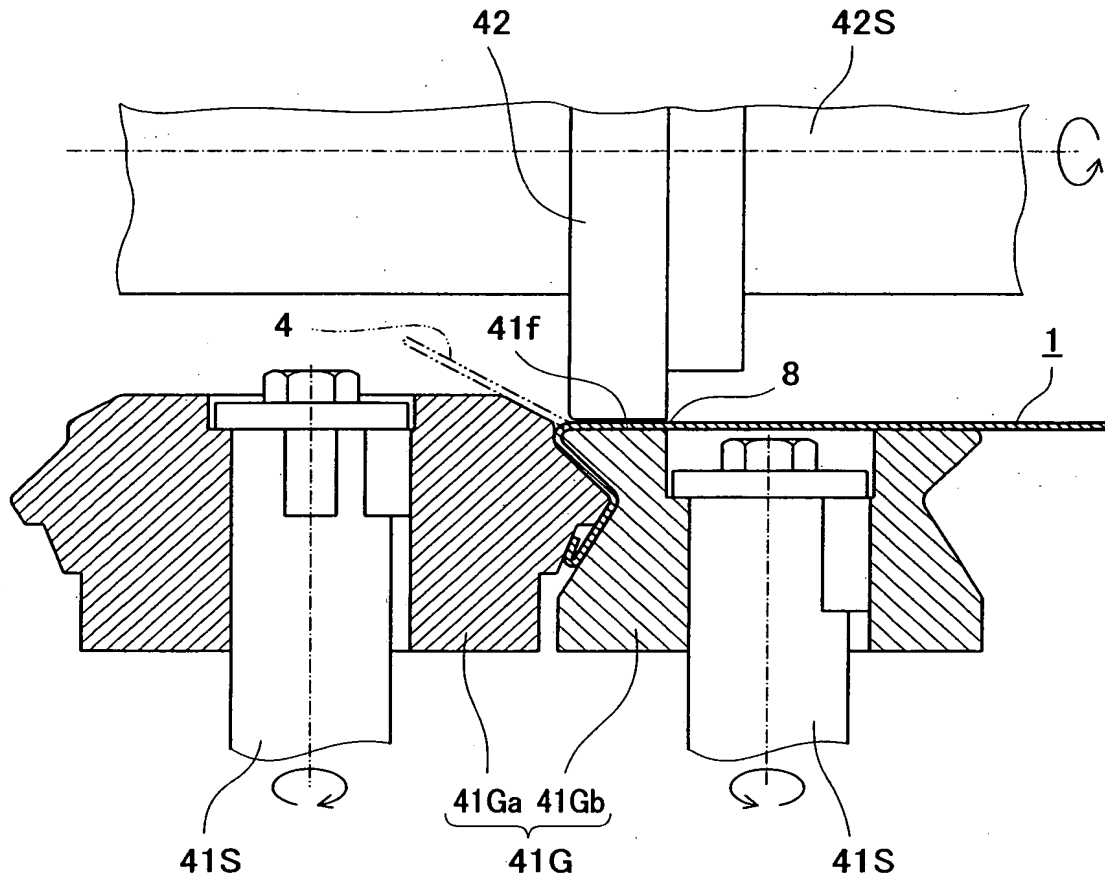


Fig. 34

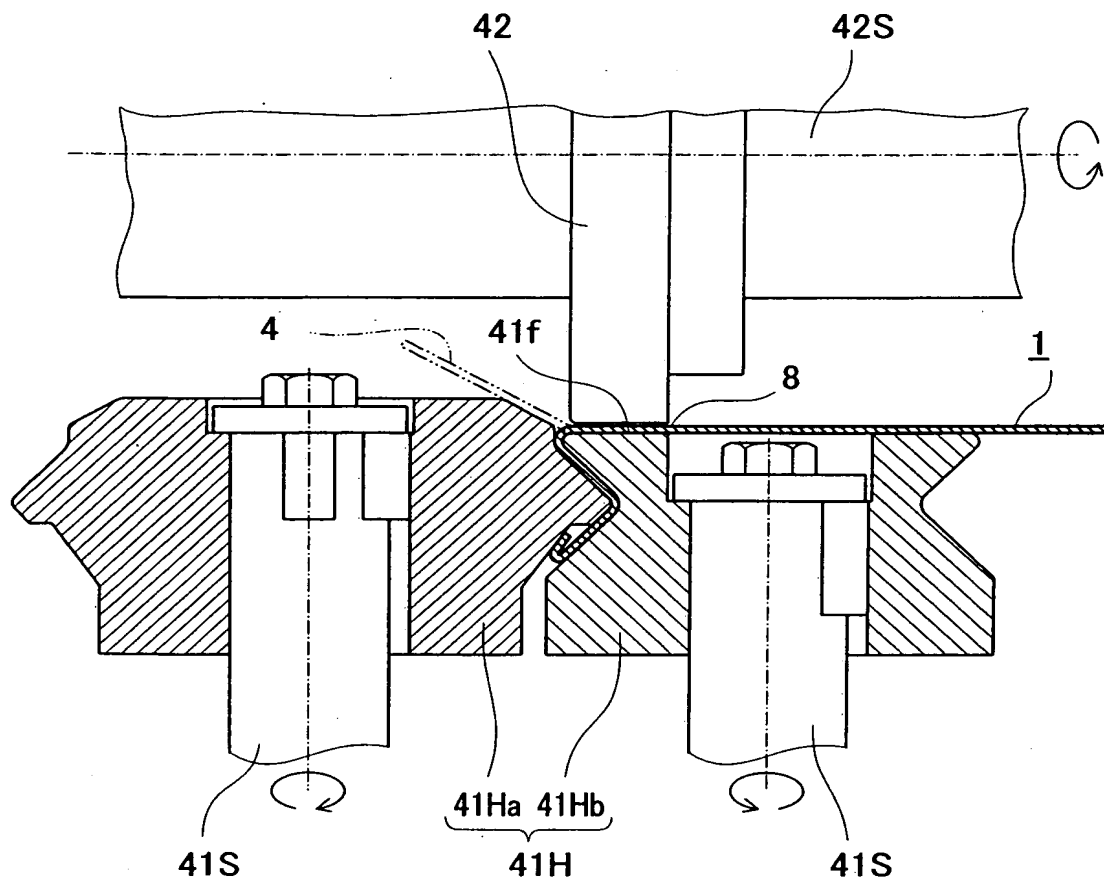


Fig. 35

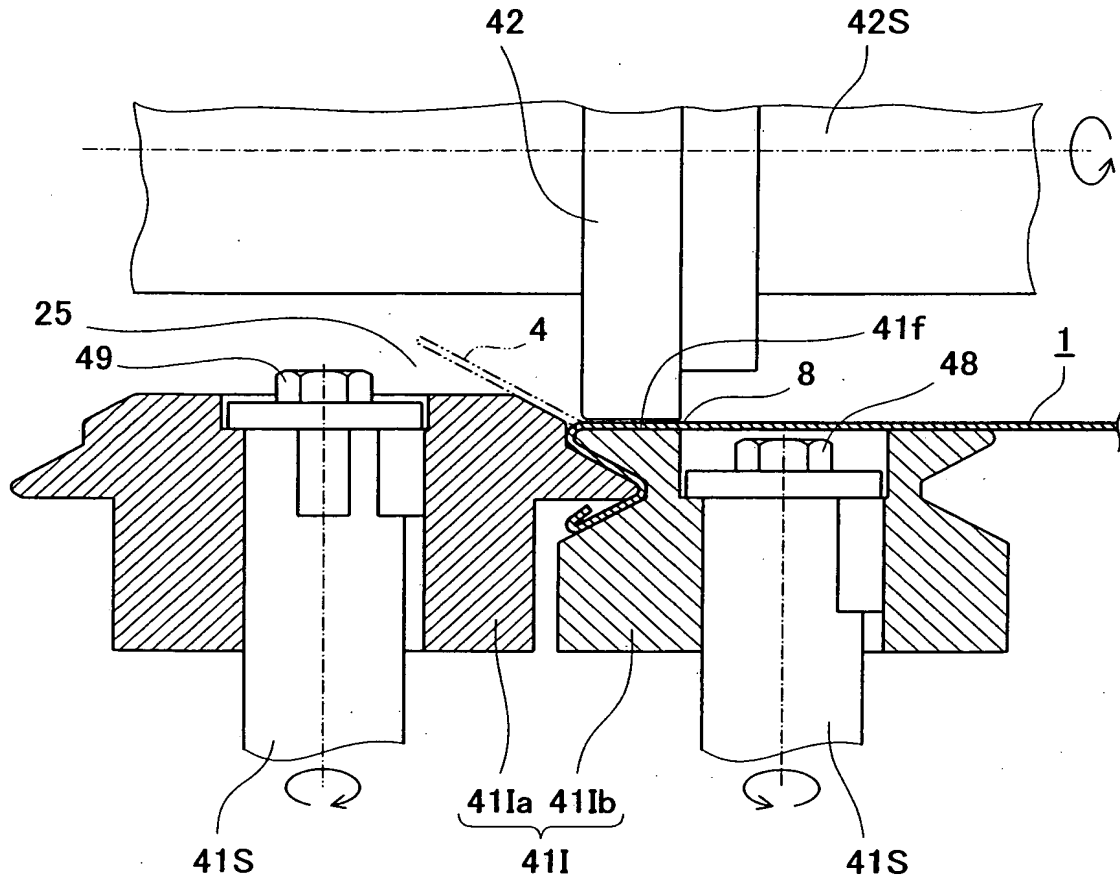


Fig. 36

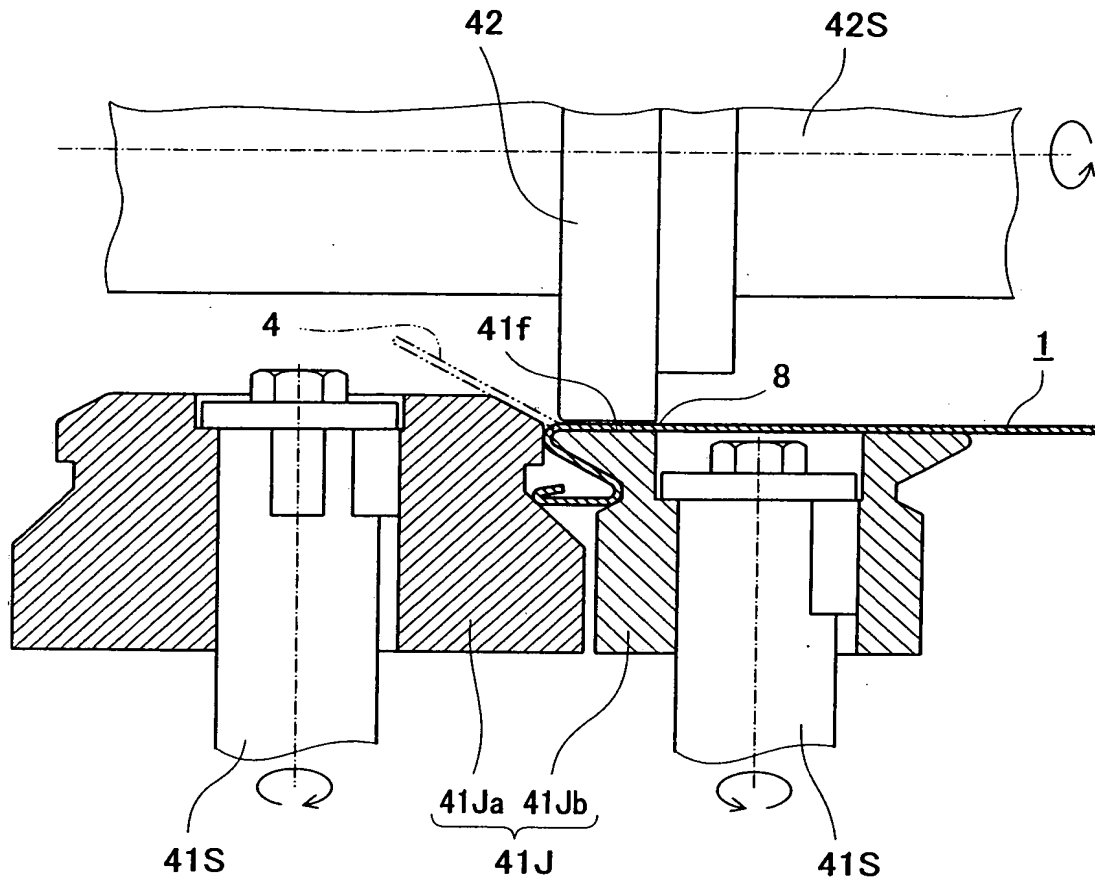


Fig. 37

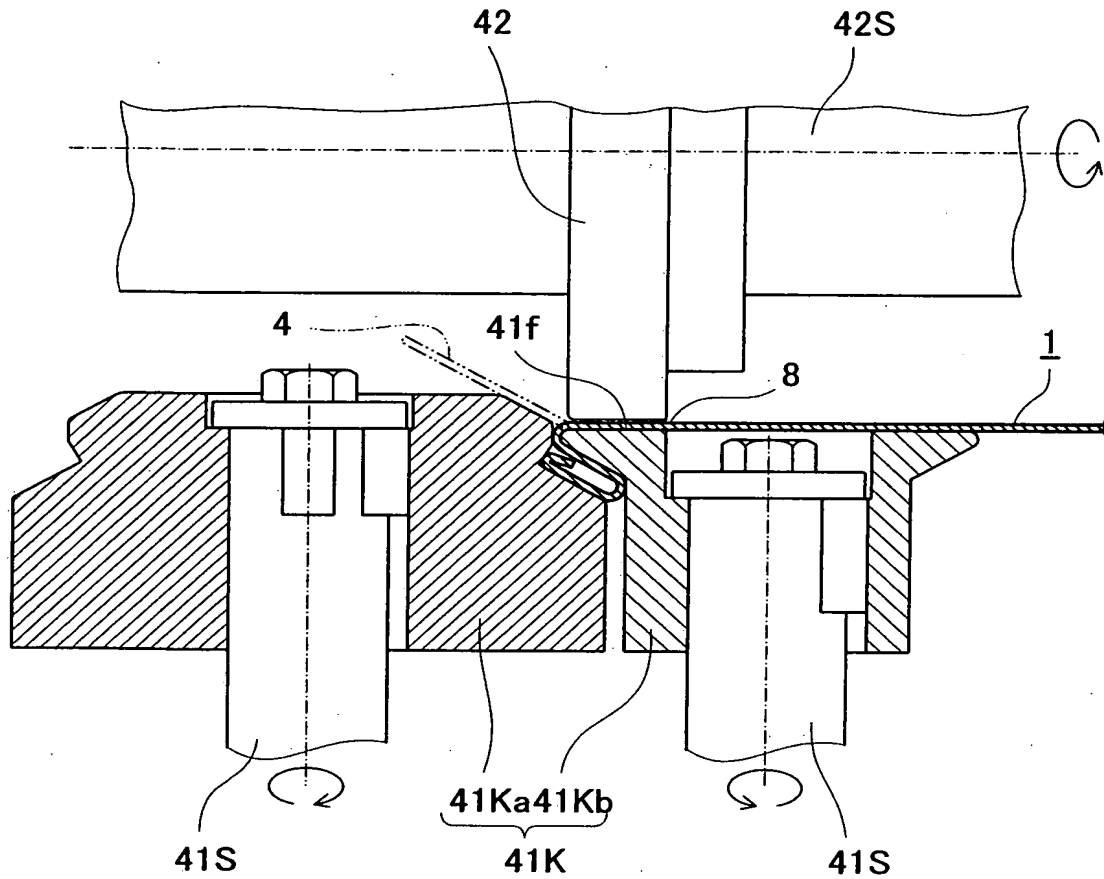


Fig. 38

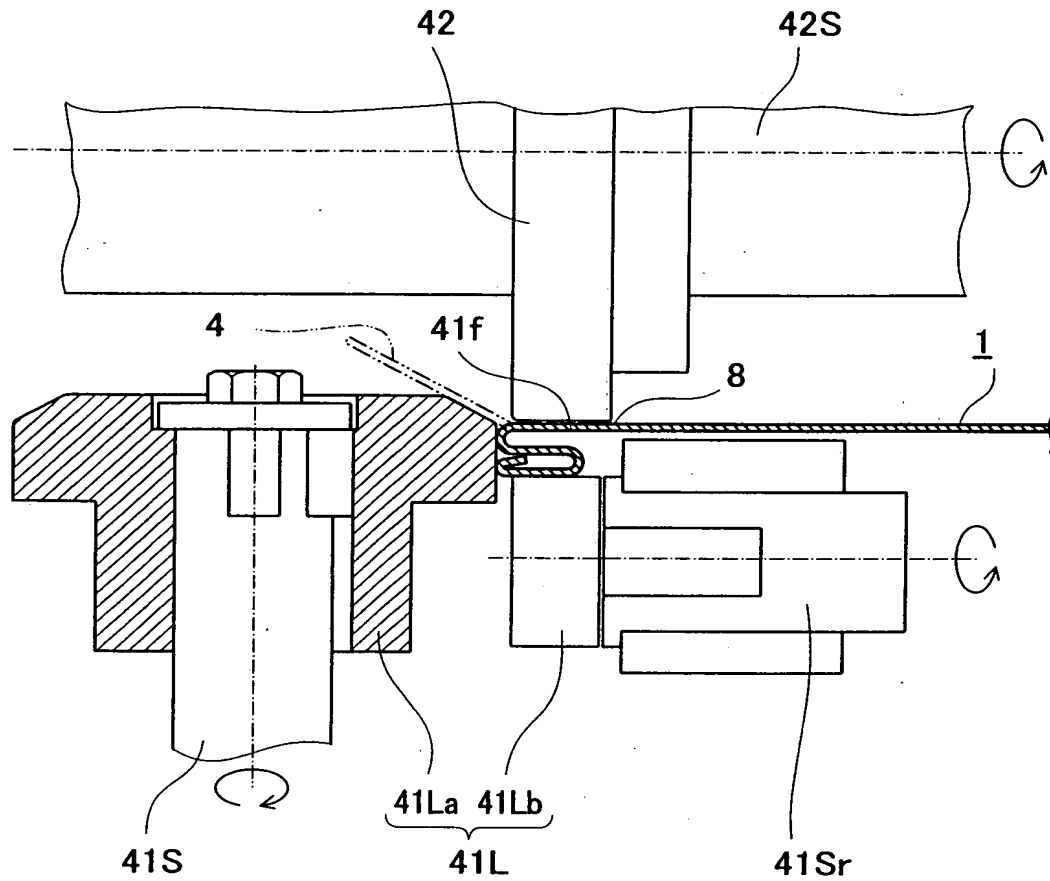


Fig. 39

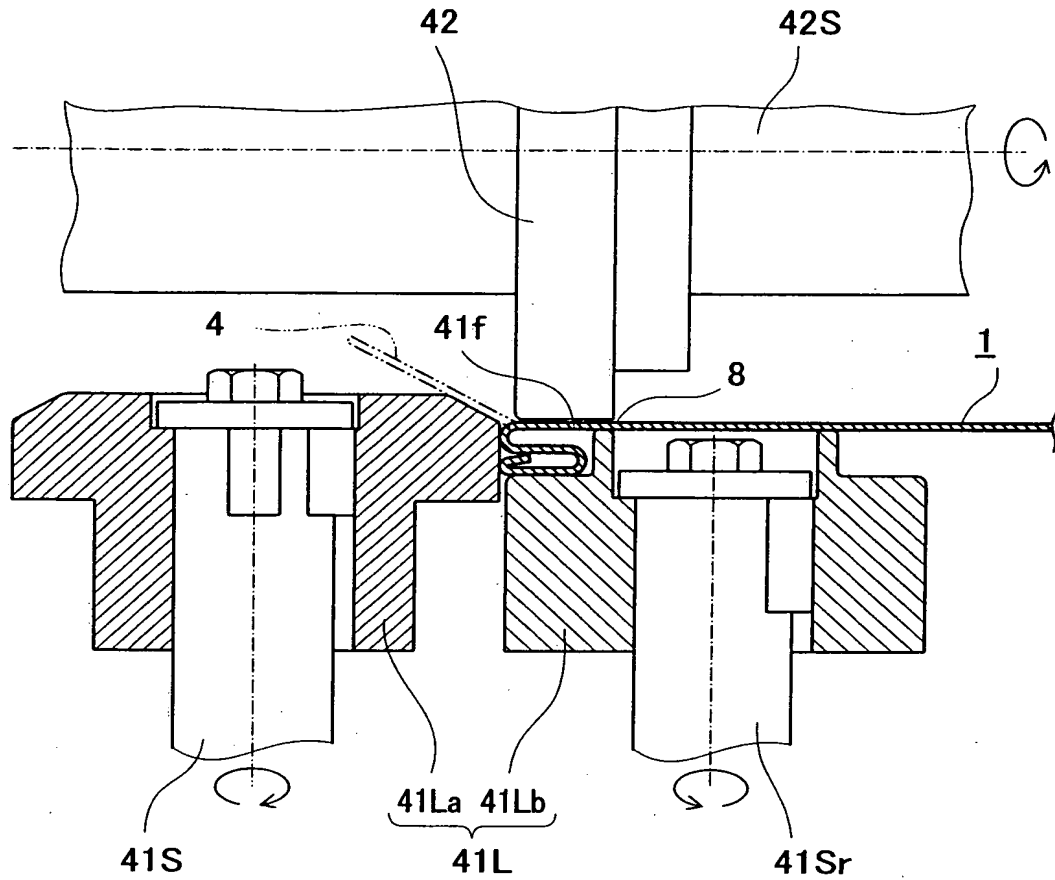


Fig. 40

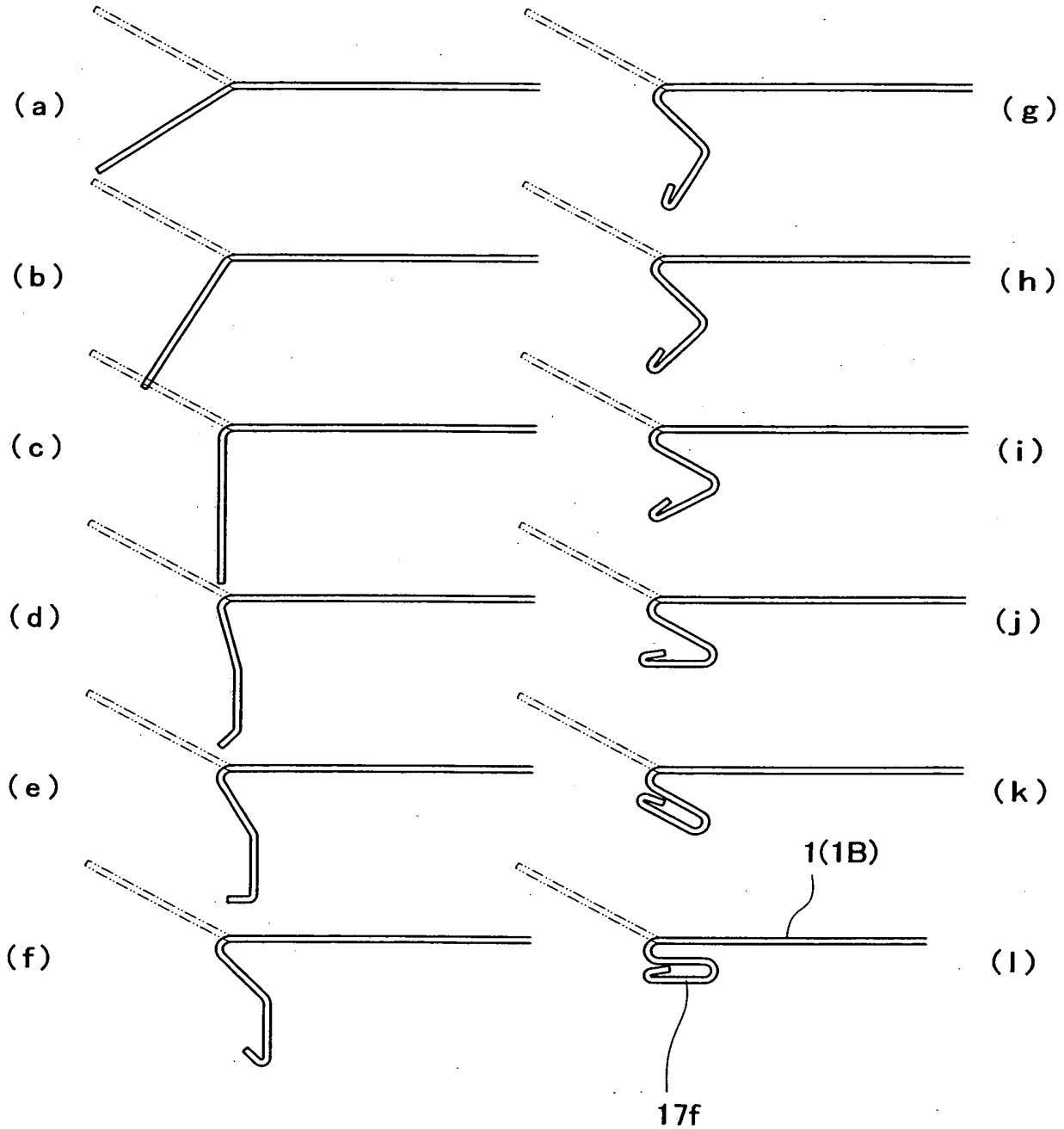


Fig. 41

INVENTOR(s): Toshio Yamamoto, et al.;

TITLE: "Cornerplate-less Duct, Method of Manufacturing the Duct, and Apparatus for Manufacturing Duct"

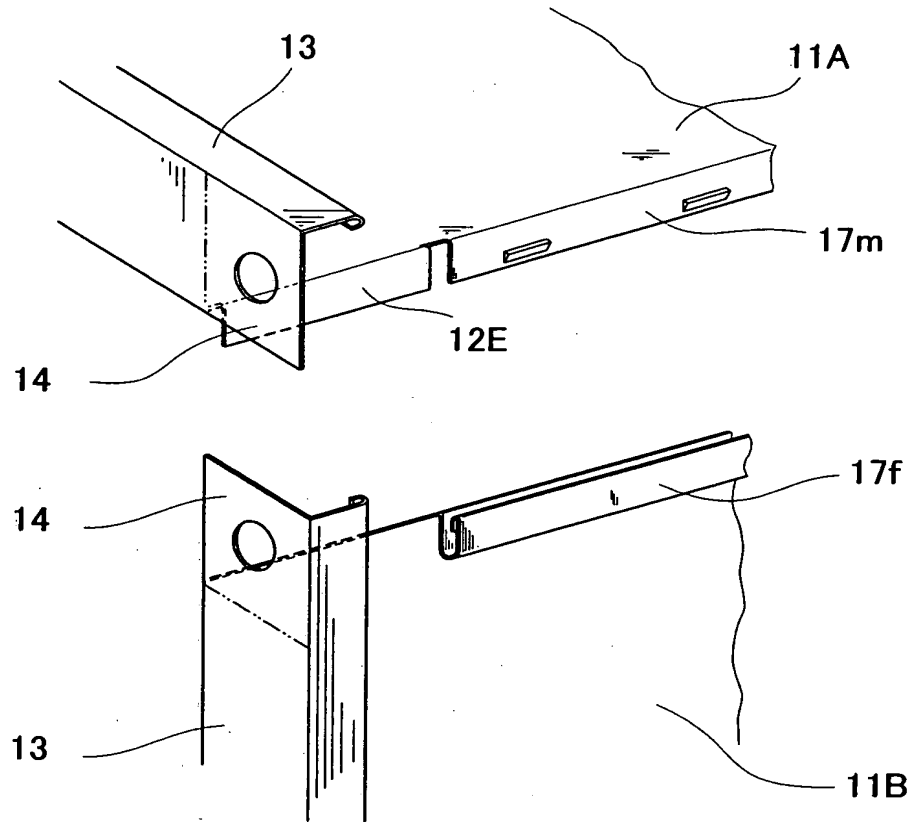
ATTY. DOCKET NO. 19036/40258/US; Page 42 of 59
Marshall, Gerstein & Borun 312-474-6300 - Richard H. Anderson

Fig. 42

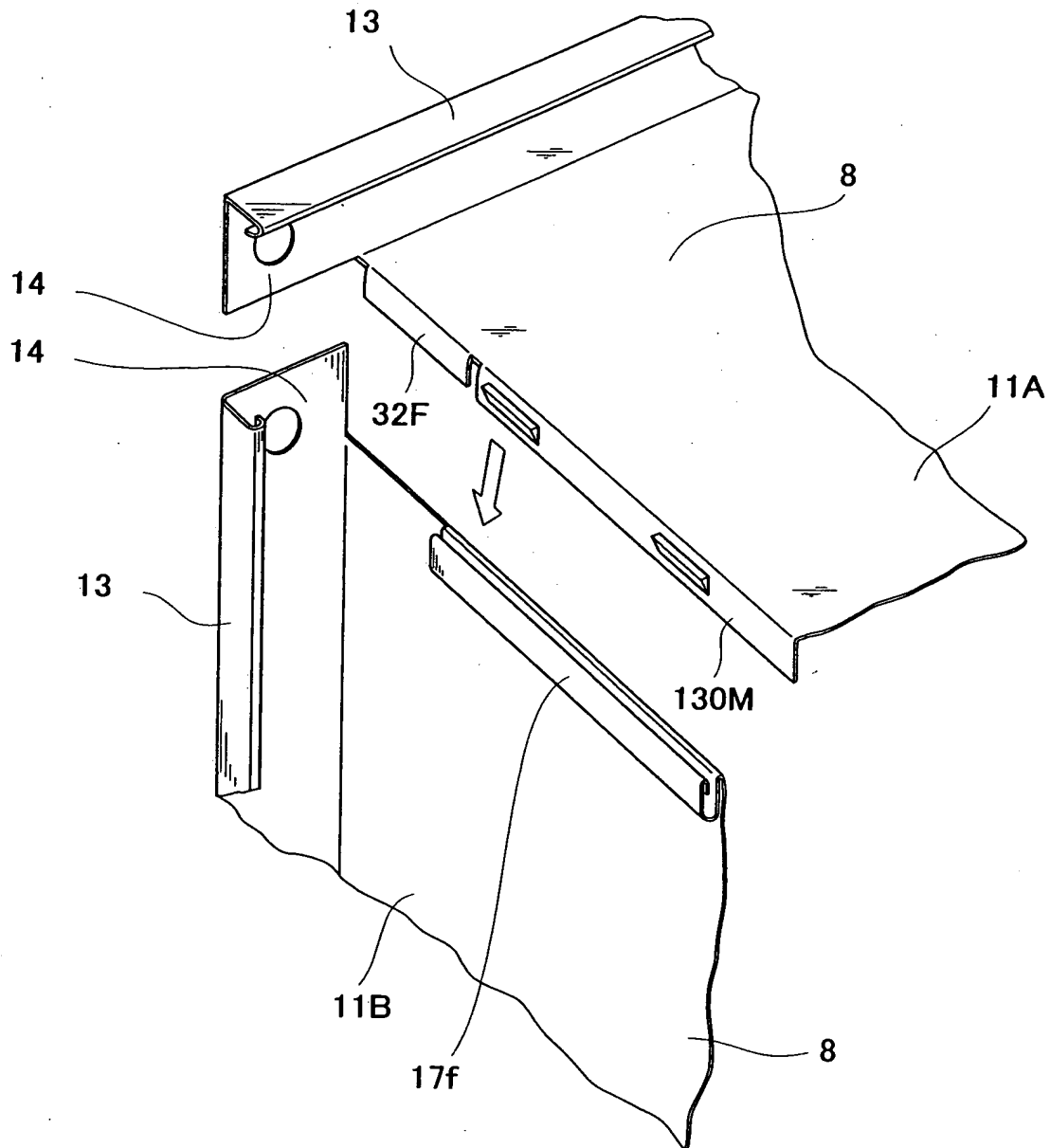


Fig. 43

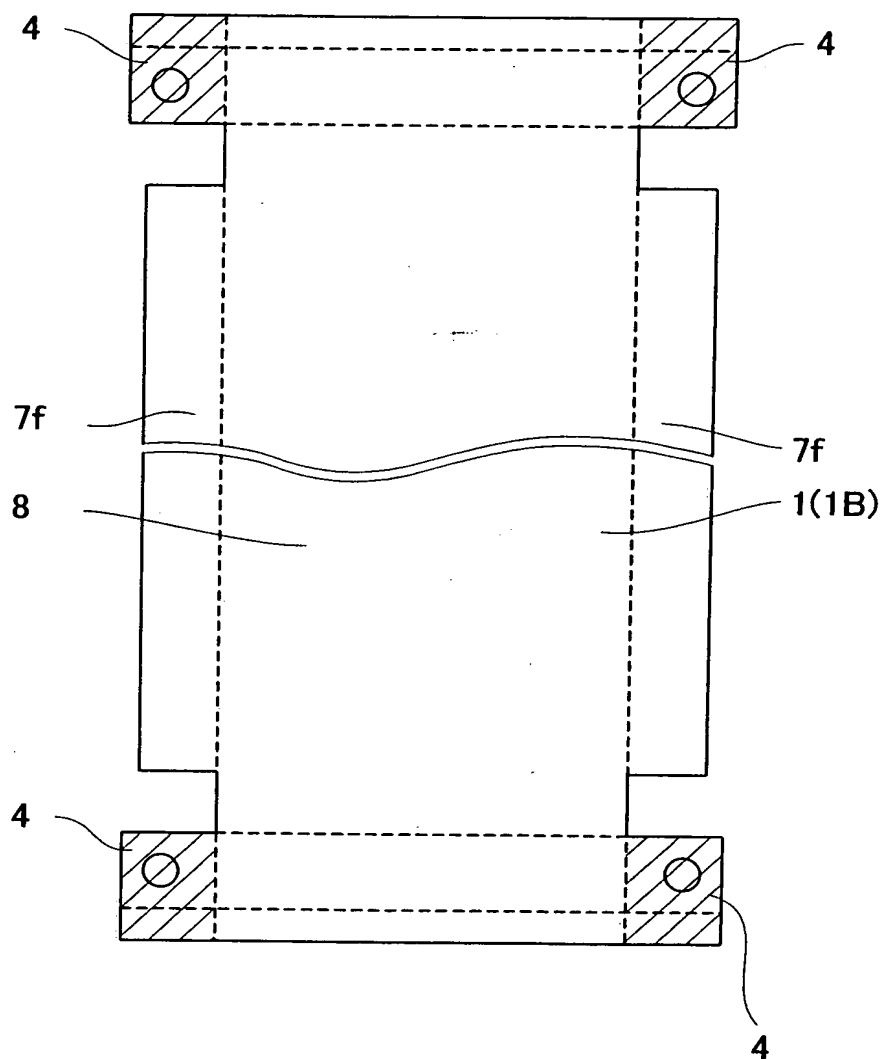


Fig. 44

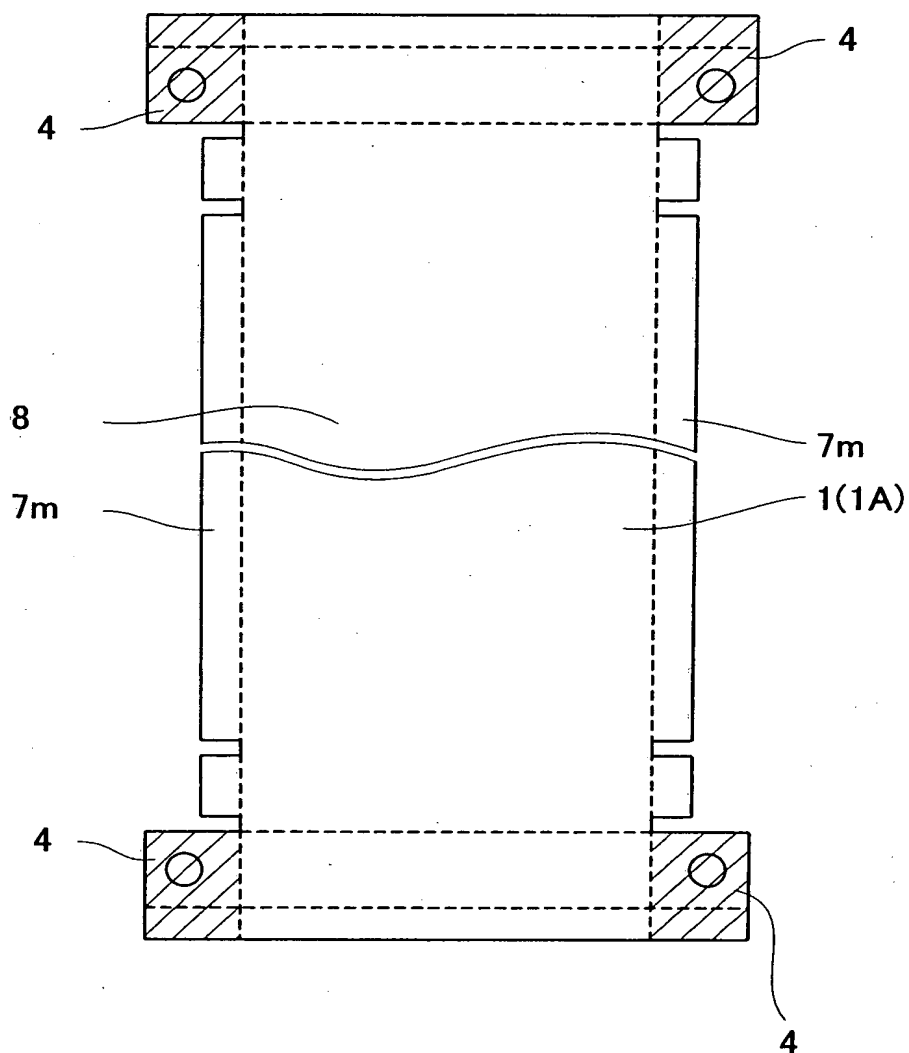


Fig. 45

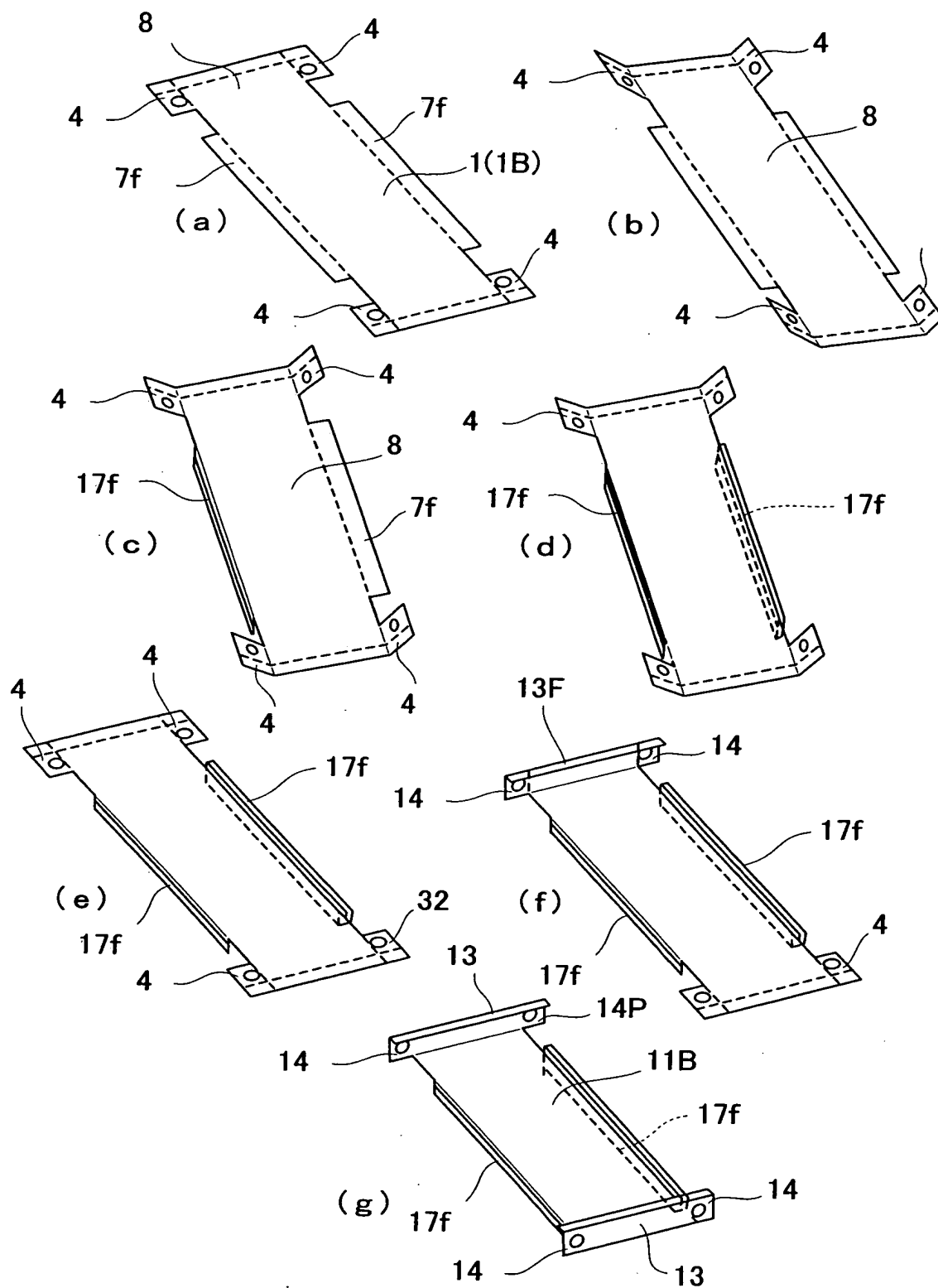


Fig. 46

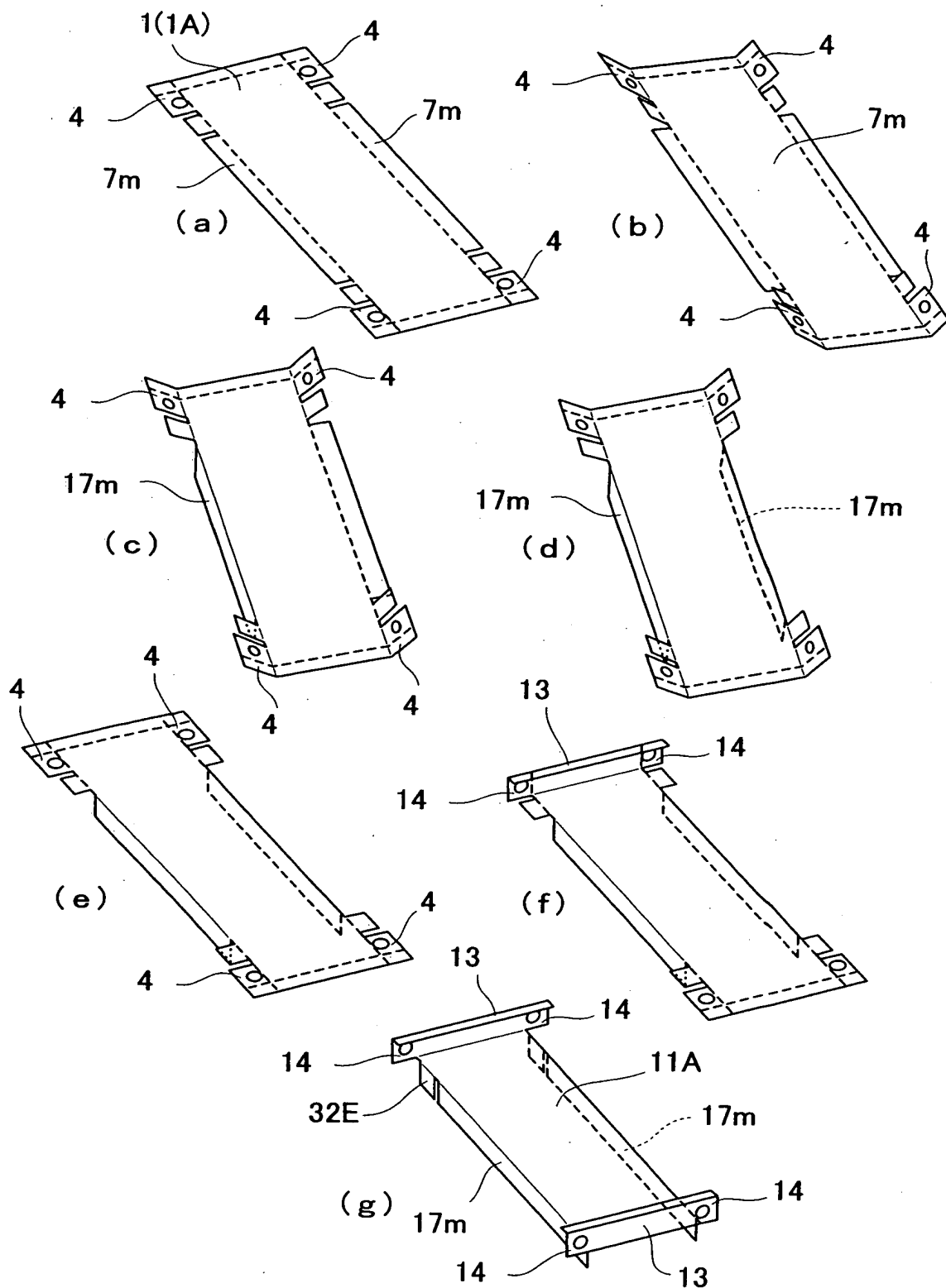


Fig. 47

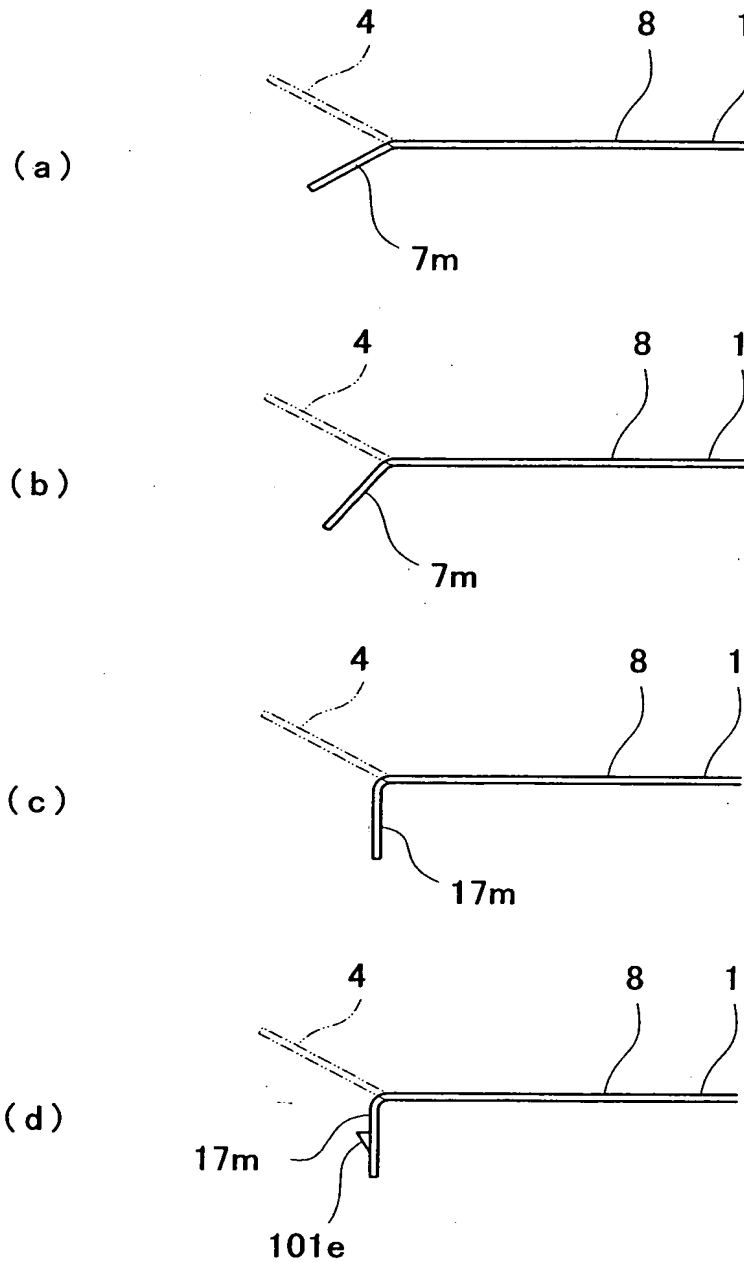


Fig. 48

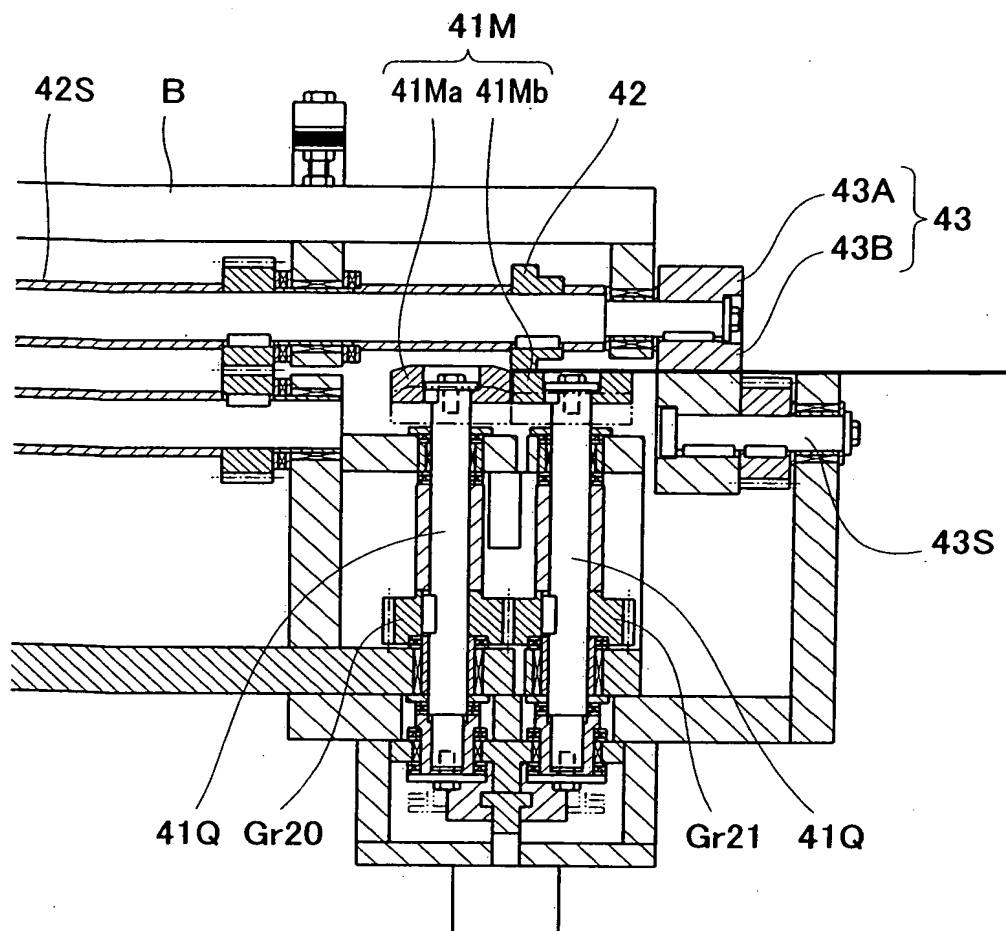
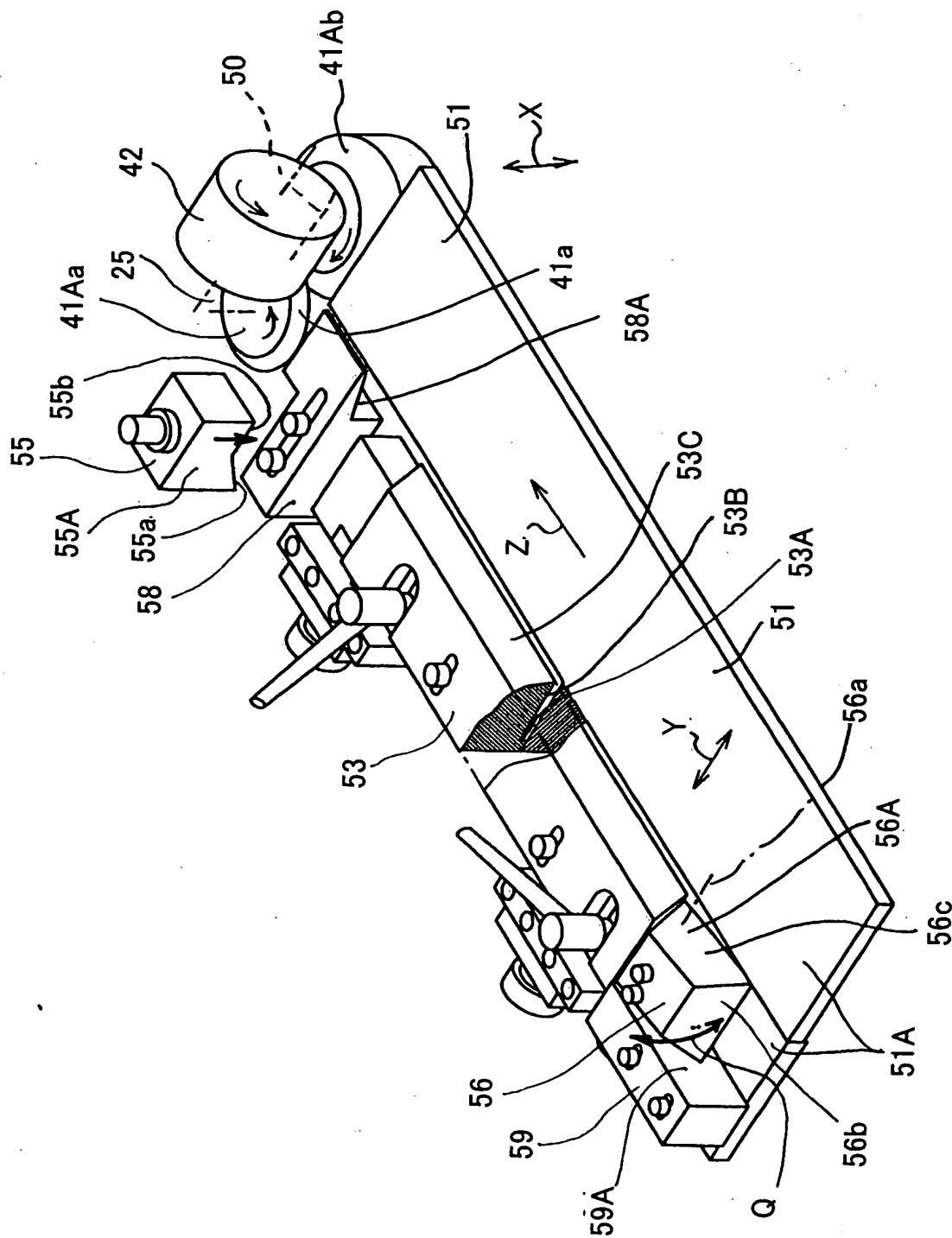
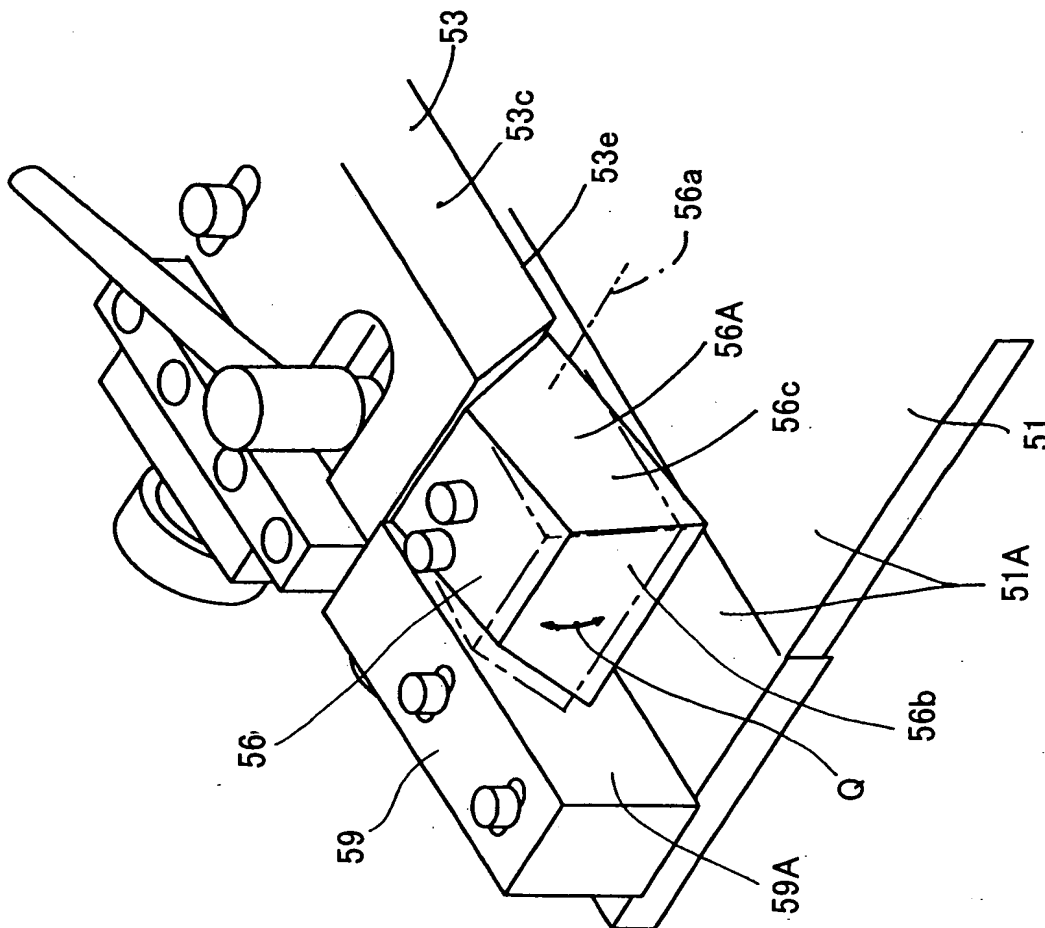


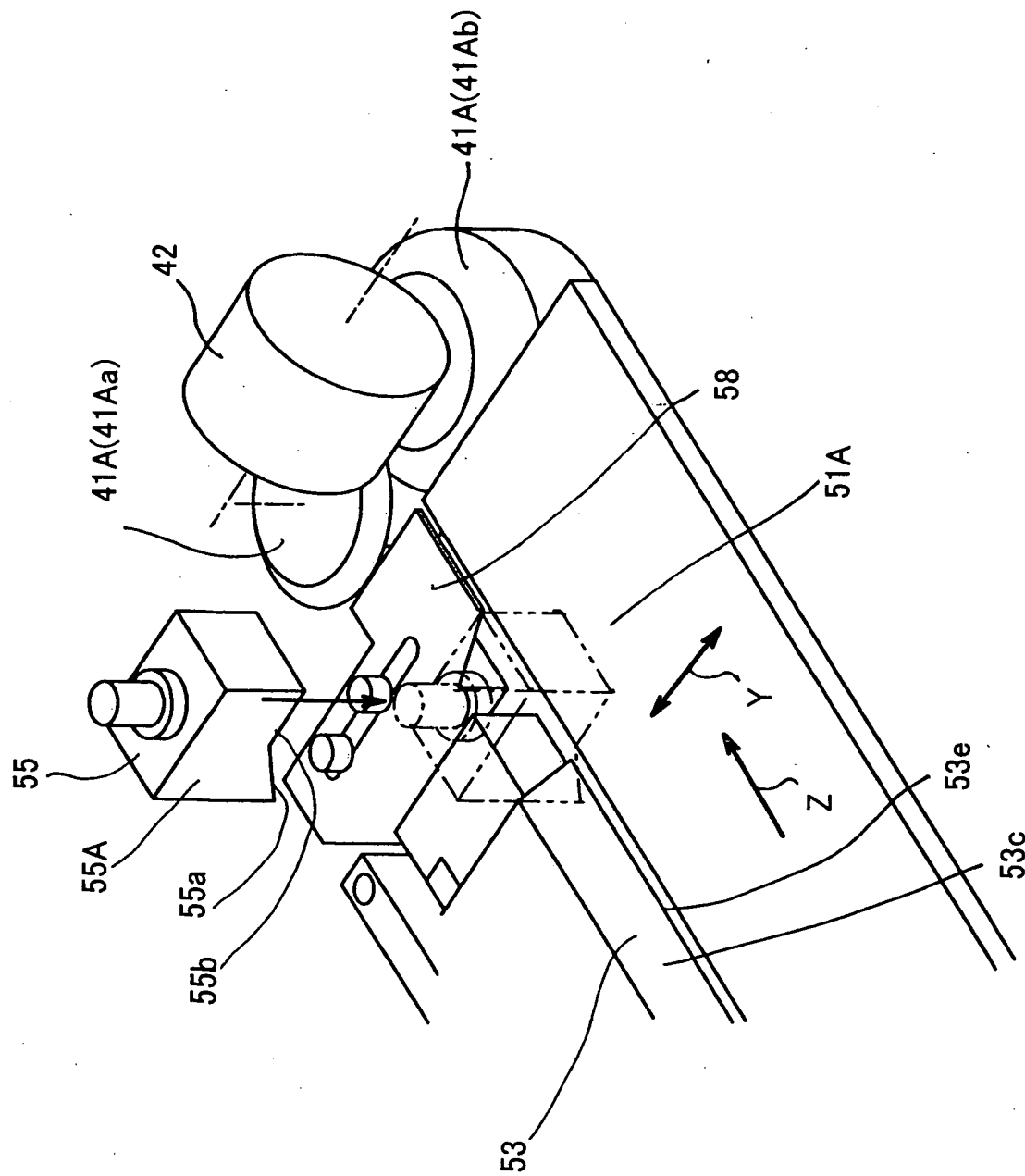
Fig. 49



50



150



Fi. 52.

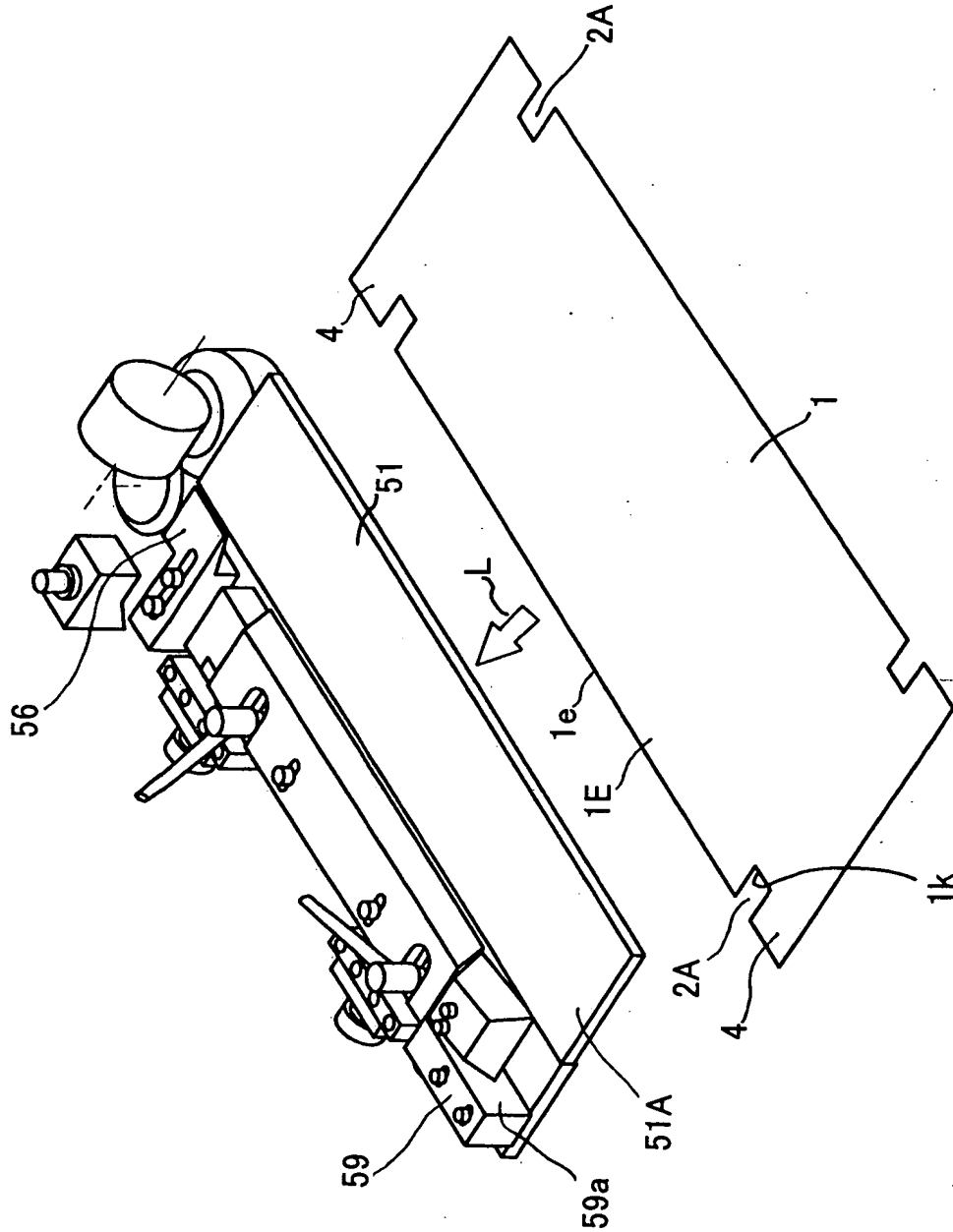


Fig. 53

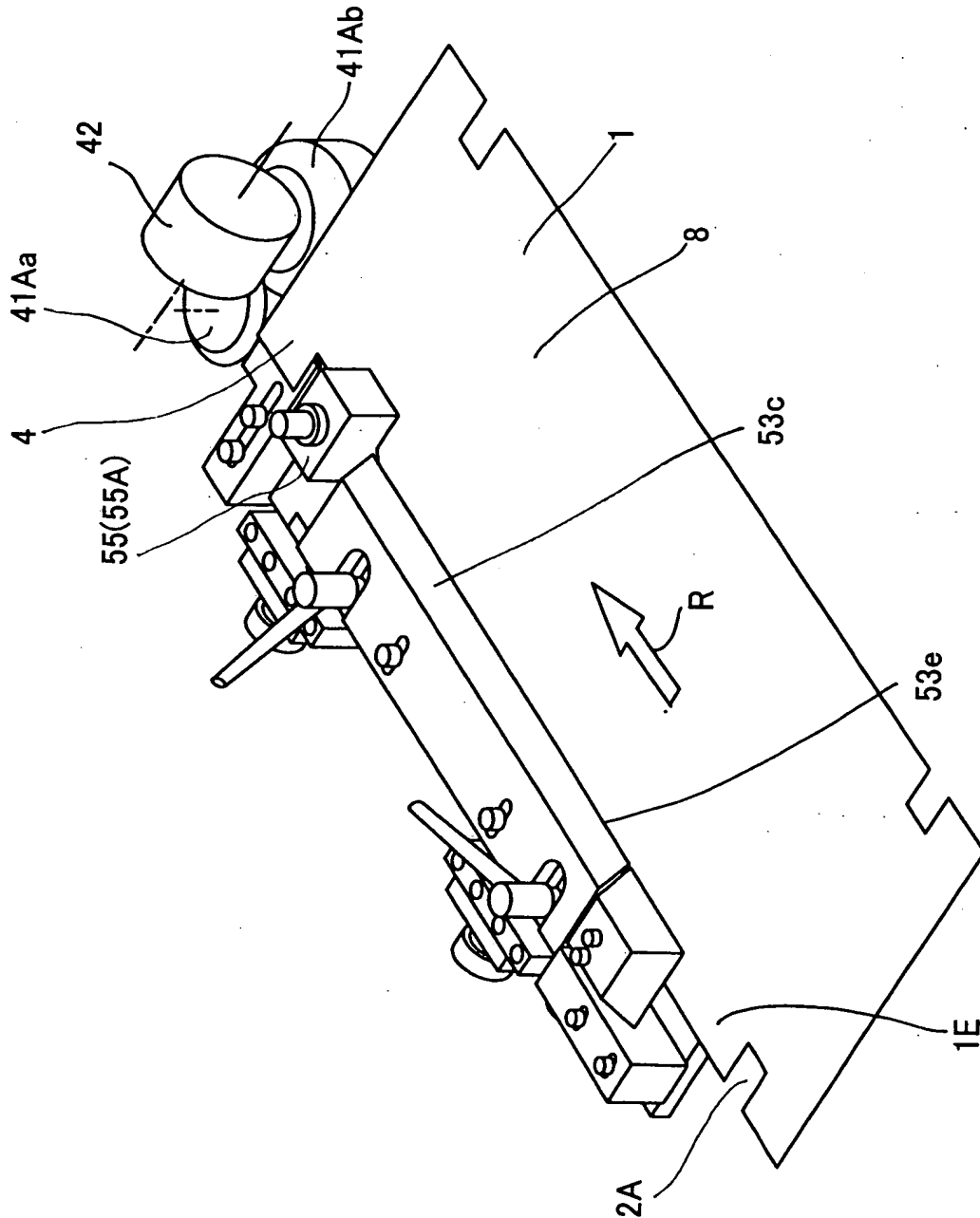


Fig. 55

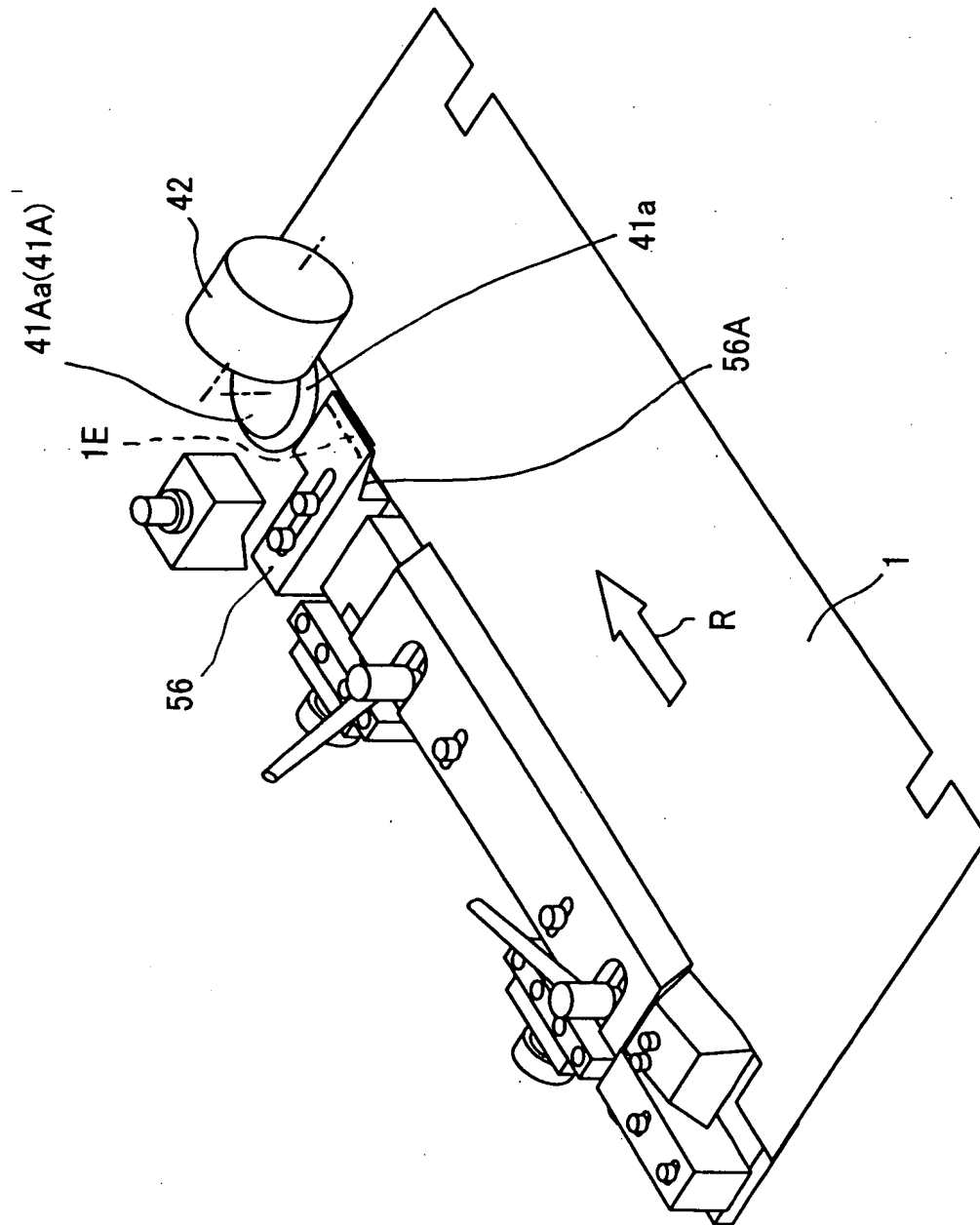


Fig. 57

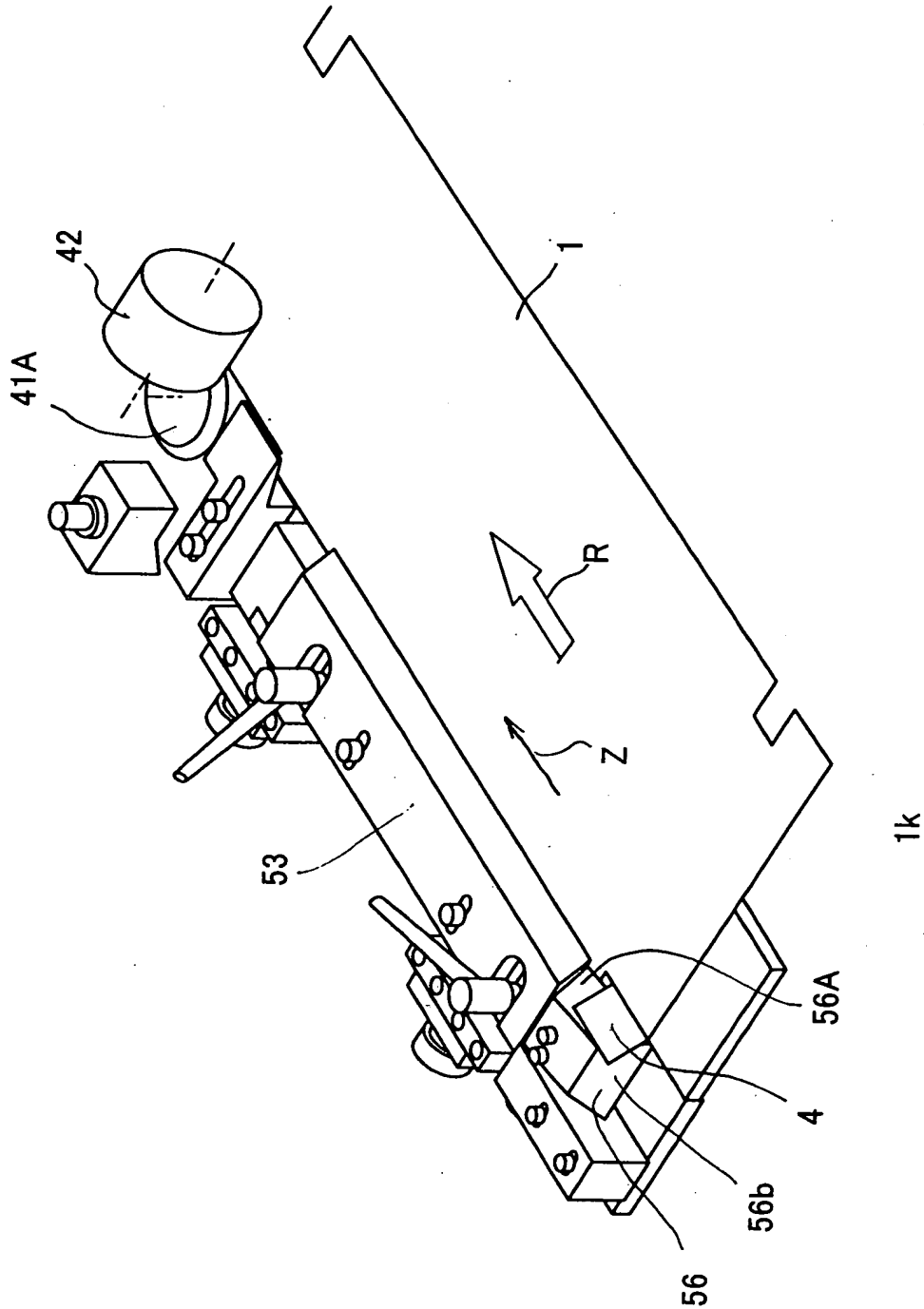


Fig. 58

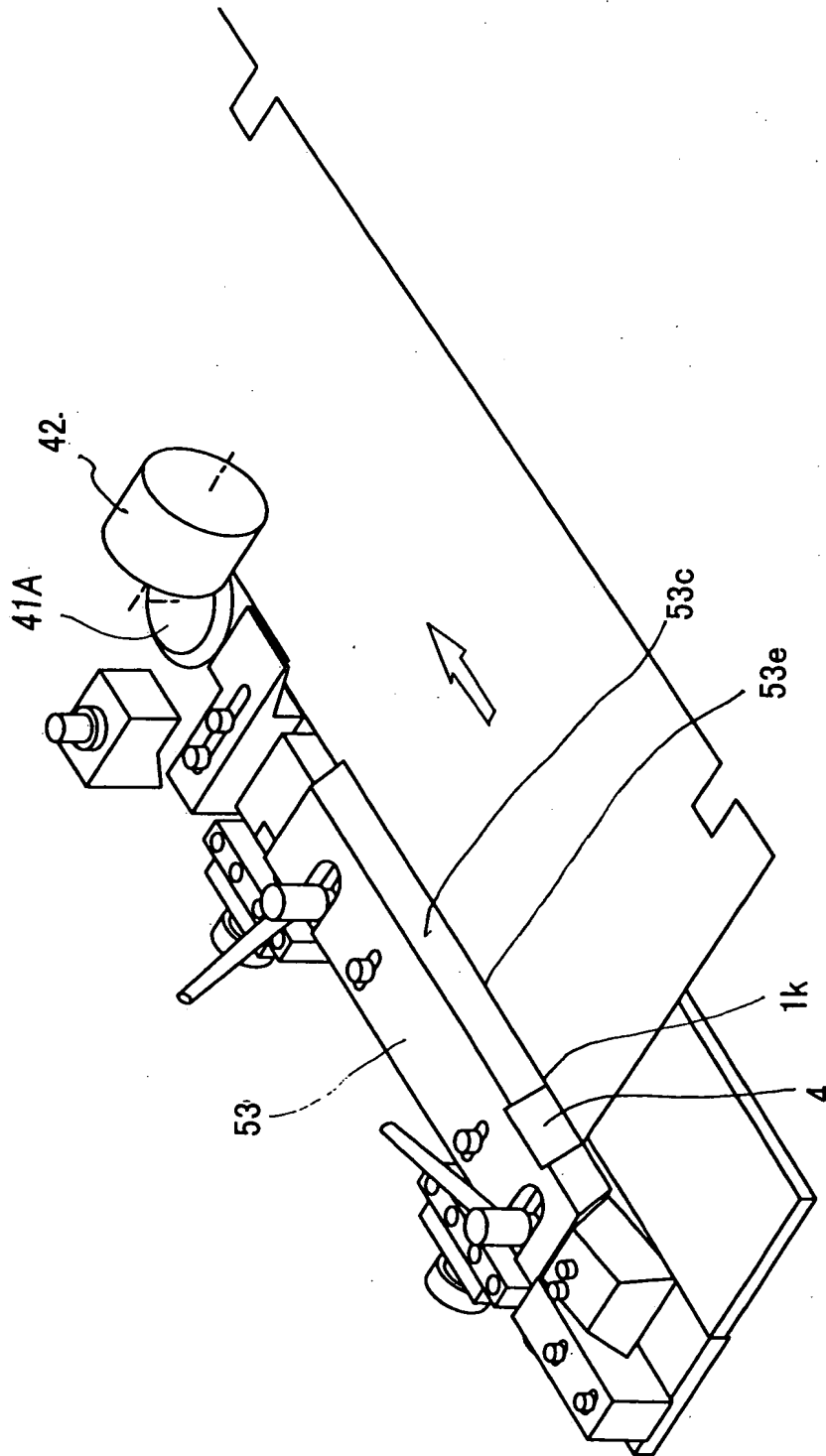


Fig. 59